

Appendix C – TReX XSD Graphical Representation

Schema **TReX.v1.21.xsd**

schema location: <C:\Users\lollervi\OneDrive - Texas Education Agency\Desktop\TReX Main Folder\TReX March 2020 Publication\4.8.2\TReX.v1.21.xsd>
 attributeFormDefault: **unqualified**
 elementFormDefault: **unqualified**
 targetNamespace: **urn:us:tx:state:tea:TReX:v1.20**

Elements	Groups	Complex types	Simple types
TReXStudentRecords	PhoneNumberGroup	AcademicSessionType	AbbreviationType
		AcademicStatusType	AdditionalTestNameType
		AcademicSummaryType	AddressStringType
		AddressType	AdvancedMeasureType
		AssessmentSubTestType	AlternativeLanguageType
		AssessmentType	AsyleeRefugeeCodeType
		AttendanceType	BilingualType
		CourseType	CareerTechEdType
		CurrentCourseworkType	CityType
		DisciplineActionType	ClassPeriodType
		DistinguishedAchievementType	ClassRankType
		DualLanguageImmersionType	ClassTotalNumberType
		EnrollmentType	CollegeCampusCodeType
		EthnicityType	CountryType
		ImmunizationType	CourseCreditType
		ParentType	CourseExplanationType
		PerfAckApIbType	CourseGradeType
		PerfAckBilingBilitType	CourseIDType
		PerfAckCertLicType	CourseTeacherType
		PerfAckCollegeAssessType	CourseTitleType
		PerfAckDualCreditType	DaysType
		PersonNameType	DisciplineActionCodeType
		SchoolType	DisciplineActionNumType
		SpecialProgramsType	DisciplineActionReasonType
		StudentDemographicType	DistrictIDType
		StudentIdentificationType	DistrictNameType
		StudentRecordsType	DualLanguageImmersionLanguageCode
		StudentRecordType	DualLanguageImmersionYearCode
			EconomicDisadvantagedType
			ESLType
			EthnicityYesNoType
			FHSP
			FirstNameType
			FosterCareType

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[GiftedTalentedType](#)
[GPAType](#)
[GradeLevelType](#)
[GraduationDiplomaTypeType](#)
[HomelessType](#)
[IGCCodeType](#)
[ImmunizationCodeType](#)
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[LanguageType](#)
[LastNameType](#)
[LEPType](#)
[LocalIDType](#)
[MiddleNameType](#)
[MilitaryConnectedType](#)
[ParticipationType](#)
[PassFailCreditType](#)
[PerfAckAplbCode](#)
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[SubTestNameType](#)
[SuffixType](#)
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[TestNameType](#)
[TestScoreType](#)
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[WithdrawReasonType](#)

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[YMDType](#)

[YMType](#)

element **TReXStudentRecords**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
type	trex:StudentRecordsType
properties	content complex
children	TReXStudentRecord
source	<code><xs:element name="TReXStudentRecords" type="trex:StudentRecordsType"/></code>


group **PhoneNumberGroup**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	PhoneNumber Fax
used by	complexType SchoolType
source	<pre><xs:group name="PhoneNumberGroup"> <xs:sequence> <xs:element name="PhoneNumber" type="trex:PhoneNumberType"/> <xs:element name="Fax" type="trex:PhoneNumberType" minOccurs="0"/> </xs:sequence> </xs:group></pre>

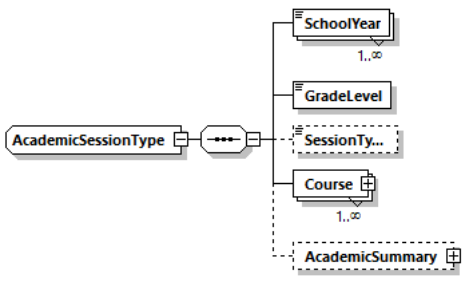
element **PhoneNumberGroup/PhoneNumber**

diagram										
type	trex:PhoneNumberType									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>20</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	20	
Kind	Value	Annotation								
minLength	1									
maxLength	20									
source	<code><xs:element name="PhoneNumber" type="trex:PhoneNumberType"/></code>									

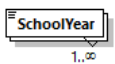
element **PhoneNumberGroup/Fax**

diagram	
type	trex:PhoneNumberType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 20
source	<code><xs:element name="Fax" type="trex:PhoneNumberType" minOccurs="0"/></code>

complexType **AcademicSessionType**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	SchoolYear GradeLevel SessionType Course AcademicSummary
used by	element StudentRecordType/AcademicSession
source	<pre><xs:complexType name="AcademicSessionType"> <xs:sequence> <xs:element name="SchoolYear" type="trex:YearRangeType" maxOccurs="unbounded"/> <xs:element name="GradeLevel" type="trex:GradeLevelType"/> <xs:element name="SessionType" type="trex:SessionTypeType" minOccurs="0"/> <xs:element name="Course" type="trex:CourseType" maxOccurs="unbounded"/> <xs:element name="AcademicSummary" type="trex:AcademicSummaryType" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>

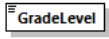
element **AcademicSessionType/SchoolYear**

diagram	
type	trex:YearRangeType
properties	minOcc 1 maxOcc unbounded content simple


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facets	Kind pattern	Value [0-9]{4}-[0-9]{4}	Annotation
source	<code><xs:element name="SchoolYear" type="trex:YearRangeType" maxOccurs="unbounded"/></code>		

element **AcademicSessionType/GradeLevel**

diagram			
type	trex:GradeLevelType		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	EE	
	enumeration	PK	
	enumeration	KG	
	enumeration	01	
	enumeration	02	
	enumeration	03	
	enumeration	04	
	enumeration	05	
	enumeration	06	
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	10	
	enumeration	11	
	enumeration	12	
source	<code><xs:element name="GradeLevel" type="trex:GradeLevelType"/></code>		

element **AcademicSessionType/SessionType**

diagram			
type	trex:SessionTypeType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	Semester	
	enumeration	Trimester	
	enumeration	Quarter	
source	<code><xs:element name="SessionType" type="trex:SessionTypeType" minOccurs="0"/></code>		

element **AcademicSessionType/Course**

diagram	
type	trex:CourseType
properties	minOcc 1 maxOcc unbounded content complex
children	CourseTitle CourseID Abbreviation Semester ClassPeriod SubjectArea CourseGrade WithdrawGrade GradeAverage CourseCredit PassFailCredit Explanation CourseTeacher CreditCampus SemesterSeq FinalGradeAverage
source	<code><xs:element name="Course" type="trex:CourseType" maxOccurs="unbounded"/></code>

element **AcademicSessionType/AcademicSummary**

diagram	
type	trex:AcademicSummaryType
properties	minOcc 0 maxOcc 1

content	complex
children	GPA ClassTotalNumber ClassRank ClassRankingDate Quartile CollegeCampusCode
source	<code><xs:element name="AcademicSummary" type="trex:AcademicSummaryType" minOccurs="0"/></code>

complexType **AcademicStatusType**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	GraduationDate SpeechMetDate GraduationDiplomaType CertificateDate TexasGrant DistinguishedAchievements FHSPParticipationCode FHSPDistingIndicatorCode STEMEndorsementCode BusinessEndorsementCode PublicServicesEndorsementCode ArtsEndorsementCode MultiStudiesEndorsementCode DualCreditType BillingBilitType CollegeAssessType AplbType CertLicType IGCGradReview FHSPCollegeCareerInstructionIndicator AssociateDegree OnRamps Section504 POIIMetDate CPRMetDate StarOfTexas
used by	element StudentRecordType/AcademicStatus
source	<code><xs:complexType name="AcademicStatusType"> <xs:sequence></code>

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<xs:element name="GraduationDate" type="trex:YMType" minOccurs="0"/>
<xs:element name="SpeechMetDate" type="trex:YMType" minOccurs="0"/>
<xs:element name="GraduationDiplomaType" type="trex:GraduationDiplomaTypeType"
minOccurs="0"/>
<xs:element name="CertificateDate" type="trex:YMDType" minOccurs="0"/>
<xs:element name="TexasGrant" type="trex:TexasGrantType" minOccurs="0"/>
<xs:element name="DistinguishedAchievements"
type="trex:DistinguishedAchievementType" minOccurs="0" maxOccurs="1"/>
<xs:element name="FHSPParticipationCode" type="trex:FHSP" minOccurs="0"/>
<xs:element name="FHSPDistingIndicatorCode" type="trex:FHSP" minOccurs="0"/>
<xs:element name="STEMEndorsementCode" type="trex:FHSP" minOccurs="0"/>
<xs:element name="BusinessEndorsementCode" type="trex:FHSP" minOccurs="0"/>
<xs:element name="PublicServicesEndorsementCode" type="trex:FHSP"
minOccurs="0"/>
<xs:element name="ArtsEndorsementCode" type="trex:FHSP" minOccurs="0"/>
<xs:element name="MultiStudiesEndorsementCode" type="trex:FHSP"
minOccurs="0"/>
<xs:element name="DualCreditType" type="trex:PerfAckDualCreditType"
minOccurs="0" maxOccurs="unbounded"/>
<xs:element name="BilingBilitType" type="trex:PerfAckBilingBilitType"
minOccurs="0" maxOccurs="unbounded"/>
<xs:element name="CollegeAssessType" type="trex:PerfAckCollegeAssessType"
minOccurs="0" maxOccurs="unbounded"/>
<xs:element name="ApIbType" type="trex:PerfAckApIbType" minOccurs="0"
maxOccurs="unbounded"/>
<xs:element name="CertLicType" type="trex:PerfAckCertLicType" minOccurs="0"
maxOccurs="unbounded"/>
<xs:element name="IGCGradReview" type="trex:IGCCodeType" minOccurs="0"/>
<xs:element name="FHSPCollegeCareerInstructionIndicator"
type="trex:ParticipationType" minOccurs="0"/>
<xs:element name="AssociateDegree" type="trex:ParticipationType"
minOccurs="0"/>
<xs:element name="OnRamps" type="trex:ParticipationType" minOccurs="0"/>
<xs:element name="Section504" type="trex:ParticipationType" minOccurs="0"/>
<xs:element name="POIIMetDate" type="trex:YMType" minOccurs="0"/>
<xs:element name="CPRMetDate" type="trex:YMType" minOccurs="0"/>
<xs:element name="StarOfTexas" type="trex:ParticipationType" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

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element **AcademicStatusType/GraduationDate**

diagram	
type	trex:YMType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern [0-9]{4}-[01]?[0-9]
source	<xs:element name="GraduationDate" type="trex:YMType" minOccurs="0"/>

element **AcademicStatusType/SpeechMetDate**

diagram	
type	trex:YMTType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern [0-9]{4}-[01]?[0-9]
source	<code><xs:element name="SpeechMetDate" type="trex:YMTType" minOccurs="0"/></code>

element **AcademicStatusType/GraduationDiplomaType**

diagram																																																																																		
type	trex:GraduationDiplomaTypeType																																																																																	
properties	minOcc 0 maxOcc 1 content simple																																																																																	
facets	<table border="0"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>05</td><td></td></tr> <tr><td>enumeration</td><td>06</td><td></td></tr> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>15</td><td></td></tr> <tr><td>enumeration</td><td>17</td><td></td></tr> <tr><td>enumeration</td><td>18</td><td></td></tr> <tr><td>enumeration</td><td>19</td><td></td></tr> <tr><td>enumeration</td><td>20</td><td></td></tr> <tr><td>enumeration</td><td>21</td><td></td></tr> <tr><td>enumeration</td><td>22</td><td></td></tr> <tr><td>enumeration</td><td>23</td><td></td></tr> <tr><td>enumeration</td><td>24</td><td></td></tr> <tr><td>enumeration</td><td>25</td><td></td></tr> <tr><td>enumeration</td><td>26</td><td></td></tr> <tr><td>enumeration</td><td>27</td><td></td></tr> <tr><td>enumeration</td><td>28</td><td></td></tr> <tr><td>enumeration</td><td>29</td><td></td></tr> <tr><td>enumeration</td><td>30</td><td></td></tr> <tr><td>enumeration</td><td>31</td><td></td></tr> <tr><td>enumeration</td><td>32</td><td></td></tr> <tr><td>enumeration</td><td>33</td><td></td></tr> <tr><td>enumeration</td><td>34</td><td></td></tr> <tr><td>enumeration</td><td>35</td><td></td></tr> <tr><td>enumeration</td><td>54</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	13		enumeration	15		enumeration	17		enumeration	18		enumeration	19		enumeration	20		enumeration	21		enumeration	22		enumeration	23		enumeration	24		enumeration	25		enumeration	26		enumeration	27		enumeration	28		enumeration	29		enumeration	30		enumeration	31		enumeration	32		enumeration	33		enumeration	34		enumeration	35		enumeration	54	
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source	<code><xs:element name="GraduationDiplomaType" type="trex:GraduationDiplomaTypeType" minOccurs="0"/></code>

element **AcademicStatusType/CertificateDate**

diagram	
type	trex:YMDType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern [0-9]{4}-[01]?[0-9]-[0123]?[0-9]
source	<code><xs:element name="CertificateDate" type="trex:YMDType" minOccurs="0"/></code>

element **AcademicStatusType/TexasGrant**

diagram	
type	trex:TexasGrantType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 1 enumeration 2 enumeration 3 enumeration 4 enumeration 5
source	<code><xs:element name="TexasGrant" type="trex:TexasGrantType" minOccurs="0"/></code>

element **AcademicStatusType/DistinguishedAchievements**

diagram	
type	trex:DistinguishedAchievementType
properties	minOcc 0 maxOcc 1 content complex
children	AdvancedMeasure
source	<code><xs:element name="DistinguishedAchievements"</code>

	<code>type="trex:DistinguishedAchievementType" minOccurs="0" maxOccurs="1"/></code>
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element **AcademicStatusType/FHSPParticipationCode**

diagram													
type	trex:FHSP												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2	
Kind	Value	Annotation											
enumeration	0												
enumeration	1												
enumeration	2												
source	<code><xs:element name="FHSPParticipationCode" type="trex:FHSP" minOccurs="0"/></code>												


element **AcademicStatusType/FHSPDistingIndicatorCode**

diagram													
type	trex:FHSP												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2	
Kind	Value	Annotation											
enumeration	0												
enumeration	1												
enumeration	2												
source	<code><xs:element name="FHSPDistingIndicatorCode" type="trex:FHSP" minOccurs="0"/></code>												


element **AcademicStatusType/STEMEndorsementCode**

diagram													
type	trex:FHSP												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2	
Kind	Value	Annotation											
enumeration	0												
enumeration	1												
enumeration	2												
source	<code><xs:element name="STEMEndorsementCode" type="trex:FHSP" minOccurs="0"/></code>												

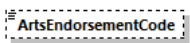
element **AcademicStatusType/BusinessEndorsementCode**

diagram	
type	trex:FHSP
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1 enumeration 2
source	<code><xs:element name="BusinessEndorsementCode" type="trex:FHSP" minOccurs="0"/></code>

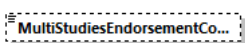
element **AcademicStatusType/PublicServicesEndorsementCode**

diagram	
type	trex:FHSP
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1 enumeration 2
source	<code><xs:element name="PublicServicesEndorsementCode" type="trex:FHSP" minOccurs="0"/></code>

element **AcademicStatusType/ArtsEndorsementCode**

diagram	
type	trex:FHSP
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1 enumeration 2
source	<code><xs:element name="ArtsEndorsementCode" type="trex:FHSP" minOccurs="0"/></code>

element **AcademicStatusType/MultiStudiesEndorsementCode**

diagram	
type	trex:FHSP

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1 enumeration 2
source	<code><xs:element name="MultiStudiesEndorsementCode" type="trex:FHSP" minOccurs="0"/></code>

element **AcademicStatusType/DualCreditType**

diagram	
type	trex:PerfAckDualCreditType
properties	minOcc 0 maxOcc unbounded content complex
children	DualCreditCode MetDate
source	<code><xs:element name="DualCreditType" type="trex:PerfAckDualCreditType" minOccurs="0" maxOccurs="unbounded"/></code>

element **AcademicStatusType/BilingBilitType**

diagram	
type	trex:PerfAckBilingBilitType
properties	minOcc 0 maxOcc unbounded content complex
children	BilingBilitCode MetDate
source	<code><xs:element name="BilingBilitType" type="trex:PerfAckBilingBilitType" minOccurs="0" maxOccurs="unbounded"/></code>

element **AcademicStatusType/CollegeAssessType**

diagram	
type	trex:PerfAckCollegeAssessType

properties	minOcc 0 maxOcc unbounded content complex
children	CollegeAssessCode MetDate
source	<code><xs:element name="CollegeAssessType" type="trex:PerfAckCollegeAssessType" minOccurs="0" maxOccurs="unbounded"/></code>

element **AcademicStatusType/AplbType**

diagram	
type	trex:PerfAckAplbType
properties	minOcc 0 maxOcc unbounded content complex
children	AplbCode MetDate
source	<code><xs:element name="ApIbType" type="trex:PerfAckApIbType" minOccurs="0" maxOccurs="unbounded"/></code>

element **AcademicStatusType/CertLicType**

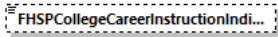
diagram	
type	trex:PerfAckCertLicType
properties	minOcc 0 maxOcc unbounded content complex
children	CertLicCode MetDate
source	<code><xs:element name="CertLicType" type="trex:PerfAckCertLicType" minOccurs="0" maxOccurs="unbounded"/></code>

element **AcademicStatusType/IGCCGradReview**

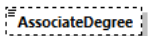
diagram	
type	trex:IGCCCodeType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 00

	enumeration 01
source	<code><xs:element name="IGCGradReview" type="trex:IGCCodeType" minOccurs="0"/></code>


element **AcademicStatusType/FHSPCollegeCareerInstructionIndicator**

diagram	
type	trex:ParticipationType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1
source	<code><xs:element name="FHSPCollegeCareerInstructionIndicator" type="trex:ParticipationType" minOccurs="0"/></code>

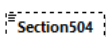
element **AcademicStatusType/AssociateDegree**

diagram	
type	trex:ParticipationType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1
source	<code><xs:element name="AssociateDegree" type="trex:ParticipationType" minOccurs="0"/></code>

element **AcademicStatusType/OnRamps**


diagram	
type	trex:ParticipationType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1
source	<code><xs:element name="OnRamps" type="trex:ParticipationType" minOccurs="0"/></code>

element **AcademicStatusType/Section504**


diagram	
---------	---

type	trex:ParticipationType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1
source	<code><xs:element name="Section504" type="trex:ParticipationType" minOccurs="0"/></code>


element **AcademicStatusType/POIIMetDate**

diagram	
type	trex:YMType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern [0-9]{4}-[01]?[0-9]
source	<code><xs:element name="POIIMetDate" type="trex:YMType" minOccurs="0"/></code>

element **AcademicStatusType/CPRMetDate**

diagram	
type	trex:YMType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern [0-9]{4}-[01]?[0-9]
source	<code><xs:element name="CPRMetDate" type="trex:YMType" minOccurs="0"/></code>

element **AcademicStatusType/StarOfTexas**

diagram	
type	trex:ParticipationType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1
source	<code><xs:element name="StarOfTexas" type="trex:ParticipationType" minOccurs="0"/></code>

complexType **AcademicSummaryType**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	GPA ClassTotalNumber ClassRank ClassRankingDate Quartile CollegeCampusCode
used by	elements AcademicSessionType/AcademicSummary StudentRecordType/AcademicSummary
source	<pre><xs:complexType name="AcademicSummaryType"> <xs:sequence> <xs:element name="GPA" type="trex:GPAType" minOccurs="0"/> <xs:element name="ClassTotalNumber" type="trex:ClassTotalNumberType" minOccurs="0"/> <xs:element name="ClassRank" type="trex:ClassRankType" minOccurs="0"/> <xs:element name="ClassRankingDate" type="trex:YMDType" minOccurs="0"/> <xs:element name="Quartile" type="trex:QuartileType" minOccurs="0"/> <xs:element name="CollegeCampusCode" type="trex:CollegeCampusCodeType" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>

element **AcademicSummaryType/GPA**

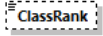
diagram										
type	trex:GPAType									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
source	<pre><xs:element name="GPA" type="trex:GPAType" minOccurs="0"/></pre>									

element **AcademicSummaryType/ClassTotalNumber**

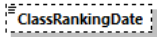
diagram							
type	trex:ClassTotalNumberType						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	5	
Kind	Value	Annotation					
totalDigits	5						

source	<code><xs:element name="ClassTotalNumber" type="trex:ClassTotalNumberType" minOccurs="0"/></code>
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
element **AcademicSummaryType/ClassRank**

diagram	
type	trex:ClassRankType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 5
source	<code><xs:element name="ClassRank" type="trex:ClassRankType" minOccurs="0"/></code>

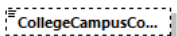
element **AcademicSummaryType/ClassRankingDate**

diagram	
type	trex:YMDType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern [0-9]{4}-[01]?[0-9]-[0123]?[0-9]
source	<code><xs:element name="ClassRankingDate" type="trex:YMDType" minOccurs="0"/></code>

element **AcademicSummaryType/Quartile**

diagram	
type	trex:QuartileType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 1 enumeration 2 enumeration 3 enumeration 4
source	<code><xs:element name="Quartile" type="trex:QuartileType" minOccurs="0"/></code>

element **AcademicSummaryType/CollegeCampusCode**

diagram	
---------	---

type	trex:CollegeCampusCodeType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern ([0-9]{6})
source	<code><xs:element name="CollegeCampusCode" type="trex:CollegeCampusCodeType" minOccurs="0"/></code>


complexType **AddressType**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	Address City StateProvince Country PostalCode
used by	elements SchoolType/Address StudentIdentificationType/Address
source	<pre> <xs:complexType name="AddressType"> <xs:sequence> <xs:element name="Address" type="trex:AddressStringType" minOccurs="0"/> <xs:element name="City" type="trex:CityType" minOccurs="0"/> <xs:element name="StateProvince" type="trex:StateProvinceType" minOccurs="0"/> <xs:element name="Country" type="trex:CountryType" minOccurs="0"/> <xs:element name="PostalCode" type="trex:PostalCodeType" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>


element **AddressType/Address**

diagram	
type	trex:AddressStringType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 50
source	<code><xs:element name="Address" type="trex:AddressStringType" minOccurs="0"/></code>

element **AddressType/City**

diagram										
type	trex:CityType									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
source	<code><xs:element name="City" type="trex:CityType" minOccurs="0"/></code>									

element **AddressType/StateProvince**

diagram																																																																																		
type	trex:StateProvinceType																																																																																	
properties	minOcc 0 maxOcc 1 content simple																																																																																	
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>TX</td><td></td></tr> <tr><td>enumeration</td><td>AA</td><td></td></tr> <tr><td>enumeration</td><td>AB</td><td></td></tr> <tr><td>enumeration</td><td>AE</td><td></td></tr> <tr><td>enumeration</td><td>AK</td><td></td></tr> <tr><td>enumeration</td><td>AL</td><td></td></tr> <tr><td>enumeration</td><td>AP</td><td></td></tr> <tr><td>enumeration</td><td>AR</td><td></td></tr> <tr><td>enumeration</td><td>AS</td><td></td></tr> <tr><td>enumeration</td><td>AZ</td><td></td></tr> <tr><td>enumeration</td><td>BC</td><td></td></tr> <tr><td>enumeration</td><td>CA</td><td></td></tr> <tr><td>enumeration</td><td>CO</td><td></td></tr> <tr><td>enumeration</td><td>CT</td><td></td></tr> <tr><td>enumeration</td><td>CZ</td><td></td></tr> <tr><td>enumeration</td><td>DC</td><td></td></tr> <tr><td>enumeration</td><td>DE</td><td></td></tr> <tr><td>enumeration</td><td>FL</td><td></td></tr> <tr><td>enumeration</td><td>FM</td><td></td></tr> <tr><td>enumeration</td><td>GA</td><td></td></tr> <tr><td>enumeration</td><td>GU</td><td></td></tr> <tr><td>enumeration</td><td>HI</td><td></td></tr> <tr><td>enumeration</td><td>IA</td><td></td></tr> <tr><td>enumeration</td><td>ID</td><td></td></tr> <tr><td>enumeration</td><td>IL</td><td></td></tr> <tr><td>enumeration</td><td>IN</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	TX		enumeration	AA		enumeration	AB		enumeration	AE		enumeration	AK		enumeration	AL		enumeration	AP		enumeration	AR		enumeration	AS		enumeration	AZ		enumeration	BC		enumeration	CA		enumeration	CO		enumeration	CT		enumeration	CZ		enumeration	DC		enumeration	DE		enumeration	FL		enumeration	FM		enumeration	GA		enumeration	GU		enumeration	HI		enumeration	IA		enumeration	ID		enumeration	IL		enumeration	IN	
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Appendix C – TReX XSD Graphical Representation

enumeration	KS
enumeration	KY
enumeration	LA
enumeration	MA
enumeration	MB
enumeration	MD
enumeration	ME
enumeration	MH
enumeration	MI
enumeration	MN
enumeration	MO
enumeration	MP
enumeration	MS
enumeration	MT
enumeration	NB
enumeration	NC
enumeration	ND
enumeration	NE
enumeration	NF
enumeration	NH
enumeration	NJ
enumeration	NL
enumeration	NM
enumeration	NS
enumeration	NT
enumeration	NU
enumeration	NV
enumeration	NY
enumeration	OH
enumeration	OK
enumeration	ON
enumeration	OR
enumeration	PA
enumeration	PE
enumeration	PR
enumeration	PW
enumeration	QC
enumeration	RI
enumeration	SC
enumeration	SD
enumeration	SK
enumeration	TN
enumeration	UT
enumeration	VA
enumeration	VI
enumeration	VT

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Appendix C – TReX XSD Graphical Representation

	enumeration WA enumeration WI enumeration WV enumeration WY enumeration YT
source	<code><xs:element name="StateProvince" type="trex:StateProvinceType" minOccurs="0"/></code>

element **AddressType/Country**

diagram																																																																																														
type	trex:CountryType																																																																																													
properties	minOcc 0 maxOcc 1 content simple																																																																																													
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>US</td><td></td></tr> <tr><td>enumeration</td><td>AD</td><td></td></tr> <tr><td>enumeration</td><td>AE</td><td></td></tr> <tr><td>enumeration</td><td>AF</td><td></td></tr> <tr><td>enumeration</td><td>AG</td><td></td></tr> <tr><td>enumeration</td><td>AI</td><td></td></tr> <tr><td>enumeration</td><td>AL</td><td></td></tr> <tr><td>enumeration</td><td>AM</td><td></td></tr> <tr><td>enumeration</td><td>AN</td><td></td></tr> <tr><td>enumeration</td><td>AO</td><td></td></tr> <tr><td>enumeration</td><td>AQ</td><td></td></tr> <tr><td>enumeration</td><td>AR</td><td></td></tr> <tr><td>enumeration</td><td>AS</td><td></td></tr> <tr><td>enumeration</td><td>AT</td><td></td></tr> <tr><td>enumeration</td><td>AU</td><td></td></tr> <tr><td>enumeration</td><td>AW</td><td></td></tr> <tr><td>enumeration</td><td>AX</td><td></td></tr> <tr><td>enumeration</td><td>AZ</td><td></td></tr> <tr><td>enumeration</td><td>BA</td><td></td></tr> <tr><td>enumeration</td><td>BB</td><td></td></tr> <tr><td>enumeration</td><td>BD</td><td></td></tr> <tr><td>enumeration</td><td>BE</td><td></td></tr> <tr><td>enumeration</td><td>BF</td><td></td></tr> <tr><td>enumeration</td><td>BG</td><td></td></tr> <tr><td>enumeration</td><td>BH</td><td></td></tr> <tr><td>enumeration</td><td>BI</td><td></td></tr> <tr><td>enumeration</td><td>BJ</td><td></td></tr> <tr><td>enumeration</td><td>BM</td><td></td></tr> <tr><td>enumeration</td><td>BN</td><td></td></tr> <tr><td>enumeration</td><td>BO</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	US		enumeration	AD		enumeration	AE		enumeration	AF		enumeration	AG		enumeration	AI		enumeration	AL		enumeration	AM		enumeration	AN		enumeration	AO		enumeration	AQ		enumeration	AR		enumeration	AS		enumeration	AT		enumeration	AU		enumeration	AW		enumeration	AX		enumeration	AZ		enumeration	BA		enumeration	BB		enumeration	BD		enumeration	BE		enumeration	BF		enumeration	BG		enumeration	BH		enumeration	BI		enumeration	BJ		enumeration	BM		enumeration	BN		enumeration	BO	
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enumeration	BR
enumeration	BS
enumeration	BT
enumeration	BV
enumeration	BW
enumeration	BY
enumeration	BZ
enumeration	CA
enumeration	CC
enumeration	CD
enumeration	CF
enumeration	CG
enumeration	CH
enumeration	CI
enumeration	CK
enumeration	CL
enumeration	CM
enumeration	CN
enumeration	CO
enumeration	CR
enumeration	CS
enumeration	CU
enumeration	CV
enumeration	CX
enumeration	CY
enumeration	CZ
enumeration	DE
enumeration	DJ
enumeration	DK
enumeration	DM
enumeration	DO
enumeration	DZ
enumeration	EC
enumeration	EE
enumeration	EG
enumeration	EH
enumeration	ER
enumeration	ES
enumeration	ET
enumeration	FI
enumeration	FJ
enumeration	FK
enumeration	FM
enumeration	FO
enumeration	FR
enumeration	GA

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enumeration	GB
enumeration	GD
enumeration	GE
enumeration	GF
enumeration	GH
enumeration	GI
enumeration	GL
enumeration	GM
enumeration	GN
enumeration	GP
enumeration	GQ
enumeration	GR
enumeration	GS
enumeration	GT
enumeration	GU
enumeration	GW
enumeration	GY
enumeration	HK
enumeration	HM
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enumeration	HT
enumeration	HU
enumeration	ID
enumeration	IE
enumeration	IL
enumeration	IN
enumeration	IO
enumeration	IQ
enumeration	IR
enumeration	IS
enumeration	IT
enumeration	JM
enumeration	JO
enumeration	JP
enumeration	KE
enumeration	KG
enumeration	KH
enumeration	KI
enumeration	KM
enumeration	KN
enumeration	KP
enumeration	KR
enumeration	KW
enumeration	KY
enumeration	KZ

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enumeration	LA
enumeration	LB
enumeration	LC
enumeration	LI
enumeration	LK
enumeration	LR
enumeration	LS
enumeration	LT
enumeration	LU
enumeration	LV
enumeration	LY
enumeration	MA
enumeration	MC
enumeration	MD
enumeration	MG
enumeration	MH
enumeration	MK
enumeration	ML
enumeration	MM
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enumeration	NF
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enumeration	NP
enumeration	NR
enumeration	NU
enumeration	NZ
enumeration	OM
enumeration	PA

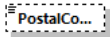
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enumeration	PE
enumeration	PF
enumeration	PG
enumeration	PH
enumeration	PK
enumeration	PL
enumeration	PM
enumeration	PN
enumeration	PR
enumeration	PS
enumeration	PT
enumeration	PW
enumeration	PY
enumeration	QA
enumeration	RE
enumeration	RO
enumeration	RU
enumeration	RW
enumeration	SA
enumeration	SB
enumeration	SC
enumeration	SD
enumeration	SE
enumeration	SG
enumeration	SH
enumeration	SI
enumeration	SJ
enumeration	SK
enumeration	SL
enumeration	SM
enumeration	SN
enumeration	SO
enumeration	SR
enumeration	ST
enumeration	SV
enumeration	SY
enumeration	SZ
enumeration	TC
enumeration	TD
enumeration	TF
enumeration	TG
enumeration	TH
enumeration	TJ
enumeration	TK
enumeration	TL
enumeration	TM

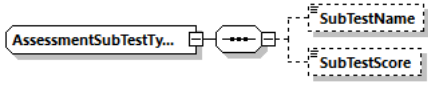
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	enumeration TN
	enumeration TO
	enumeration TR
	enumeration TT
	enumeration TV
	enumeration TW
	enumeration TZ
	enumeration UA
	enumeration UG
	enumeration UM
	enumeration UY
	enumeration UZ
	enumeration VA
	enumeration VC
	enumeration VE
	enumeration VG
	enumeration VI
	enumeration VN
	enumeration VU
	enumeration WF
	enumeration WS
	enumeration YE
	enumeration YT
	enumeration ZA
	enumeration ZM
	enumeration ZW
source	<code><xs:element name="Country" type="trex:CountryType" minOccurs="0"/></code>

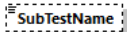
element **AddressType/PostalCode**

diagram													
type	trex:PostalCodeType												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="0"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>5</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> <tr> <td>pattern</td> <td>(([0-9]{5}) ([0-9]{5}-[0-9]{4}))</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	5		maxLength	10		pattern	(([0-9]{5}) ([0-9]{5}-[0-9]{4}))	
Kind	Value	Annotation											
minLength	5												
maxLength	10												
pattern	(([0-9]{5}) ([0-9]{5}-[0-9]{4}))												
source	<code><xs:element name="PostalCode" type="trex:PostalCodeType" minOccurs="0"/></code>												

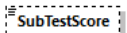
complexType **AssessmentSubTestType**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	SubTestName SubTestScore
used by	element AssessmentType/AssessmentSubTest
source	<pre><xs:complexType name="AssessmentSubTestType"> <xs:sequence> <xs:element name="SubTestName" type="trex:SubTestNameType" minOccurs="0"/> <xs:element name="SubTestScore" type="trex:TestScoreType" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>

element **AssessmentSubTestType/SubTestName**

diagram	
type	trex:SubTestNameType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 60
source	<pre><xs:element name="SubTestName" type="trex:SubTestNameType" minOccurs="0"/></pre>

element **AssessmentSubTestType/SubTestScore**

diagram	
type	trex:TestScoreType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 6
source	<pre><xs:element name="SubTestScore" type="trex:TestScoreType" minOccurs="0"/></pre>

complexType **AssessmentType**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	TestName AdditionalTestName TestLevel TestDate ExitRequirementMetDate TestScore TestCode PerformanceLevel AssessmentSubTest
used by	element StudentRecordType/Assessment
source	<pre> <xs:complexType name="AssessmentType"> <xs:sequence> <xs:choice> <xs:element name="TestName" type="trex:TestNameType" minOccurs="0"/> <xs:element name="AdditionalTestName" type="trex:AdditionalTestNameType" minOccurs="0"/> </xs:choice> <xs:element name="TestLevel" type="trex:GradeLevelType" minOccurs="0"/> <xs:element name="TestDate" type="trex:YMType" minOccurs="0"/> <xs:element name="ExitRequirementMetDate" type="trex:YMType" minOccurs="0"/> <xs:element name="TestScore" type="trex:TestScoreType" minOccurs="0"/> <xs:element name="TestCode" type="trex:TestCodeType" minOccurs="0"/> <xs:element name="PerformanceLevel" type="trex:PerformanceLevelType" minOccurs="0"/> <xs:element name="AssessmentSubTest" type="trex:AssessmentSubTestType" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>

element **AssessmentType/TestName**

diagram													
type	trex:TestNameType												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>01</td> <td></td> </tr> <tr> <td>enumeration</td> <td>02</td> <td></td> </tr> <tr> <td>enumeration</td> <td>03</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	01		enumeration	02		enumeration	03	
Kind	Value	Annotation											
enumeration	01												
enumeration	02												
enumeration	03												

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enumeration	04	
enumeration	05	
enumeration	06	
enumeration	07	
enumeration	08	
enumeration	09	
enumeration	10	
enumeration	11	
enumeration	12	
enumeration	13	
enumeration	14	
enumeration	15	
enumeration	16	
enumeration	17	
enumeration	18	
enumeration	19	
enumeration	20	
enumeration	21	
enumeration	22	
enumeration	23	
enumeration	24	
enumeration	25	
enumeration	26	
enumeration	27	
enumeration	28	
enumeration	29	
enumeration	30	
enumeration	31	
enumeration	32	
enumeration	33	
enumeration	34	
enumeration	35	
enumeration	36	
enumeration	37	
enumeration	38	
enumeration	39	
enumeration	40	
enumeration	41	documentation Deprecated: Use code 'E6'
enumeration	42	documentation Deprecated: Use code 'E7'
enumeration	43	documentation Deprecated: Use code 'E9'
enumeration	44	documentation Deprecated: Use code 'EA'
enumeration	45	documentation Deprecated: Use code 'EC'
enumeration	46	documentation

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enumeration	47	Deprecated: Use code 'EB' documentation
enumeration	48	Deprecated: Use code 'EF' documentation
enumeration	49	Deprecated: Use code 'H0' documentation
enumeration	50	Deprecated: Use code 'E8' documentation
enumeration	51	Deprecated: Use code 'H1' documentation
enumeration	52	Deprecated: Use code 'ED' documentation
enumeration	53	Deprecated: Use code 'H2'
enumeration	54	
enumeration	55	
enumeration	56	
enumeration	57	
enumeration	58	
enumeration	59	
enumeration	60	
enumeration	61	
enumeration	62	
enumeration	63	
enumeration	64	
enumeration	65	
enumeration	66	
enumeration	67	
enumeration	68	
enumeration	69	
enumeration	70	
enumeration	71	documentation Deprecated: Use code 'E0'
enumeration	72	documentation Deprecated: Use code 'E1'
enumeration	73	documentation Deprecated: Use code 'E2'
enumeration	74	documentation Deprecated: Use code 'E3'
enumeration	75	documentation Deprecated: Use code 'E4'
enumeration	76	documentation Deprecated: Use code 'E5'
enumeration	77	
enumeration	78	
enumeration	79	
enumeration	80	
enumeration	81	
enumeration	A0	
enumeration	A1	
enumeration	A2	
enumeration	A3	

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enumeration	A4
enumeration	A5
enumeration	A6
enumeration	A7
enumeration	A8
enumeration	A9
enumeration	AA
enumeration	AB
enumeration	AC
enumeration	AD
enumeration	AE
enumeration	AF
enumeration	AG
enumeration	AH
enumeration	AJ
enumeration	AK
enumeration	AL
enumeration	AM
enumeration	AN
enumeration	AP
enumeration	AQ
enumeration	B0
enumeration	B1
enumeration	B2
enumeration	B3
enumeration	B4
enumeration	B5
enumeration	B6
enumeration	B7
enumeration	B8
enumeration	C0
enumeration	C1
enumeration	C2
enumeration	C3
enumeration	C4
enumeration	C5
enumeration	C6
enumeration	C7
enumeration	C8
enumeration	C9
enumeration	CA
enumeration	CB
enumeration	CC
enumeration	CD
enumeration	CE
enumeration	CF

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enumeration	CG	
enumeration	D0	
enumeration	D1	
enumeration	D2	
enumeration	D3	
enumeration	D4	
enumeration	D5	
enumeration	D6	
enumeration	D7	
enumeration	D8	
enumeration	D9	
enumeration	DA	
enumeration	DB	
enumeration	DC	
enumeration	DD	
enumeration	DE	
enumeration	DF	
enumeration	DG	
enumeration	E0	documentation Deprecated: Use code 'EG'
enumeration	E1	documentation Deprecated: Use code 'EG'
enumeration	E2	documentation Deprecated: Use code 'EH'
enumeration	E3	documentation Deprecated: Use code 'EH'
enumeration	E4	
enumeration	E5	
enumeration	E6	
enumeration	E7	
enumeration	E8	
enumeration	E9	
enumeration	EA	
enumeration	EB	
enumeration	EC	
enumeration	ED	
enumeration	EF	
enumeration	EG	
enumeration	EH	
enumeration	EJ	
enumeration	F0	
enumeration	F1	
enumeration	F2	
enumeration	F3	
enumeration	F4	
enumeration	F5	
enumeration	F6	

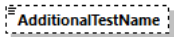
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enumeration	F7
enumeration	F8
enumeration	G0
enumeration	G1
enumeration	G2
enumeration	G3
enumeration	G4
enumeration	G5
enumeration	G6
enumeration	G7
enumeration	G8
enumeration	G9
enumeration	GA
enumeration	GB
enumeration	GC
enumeration	GD
enumeration	H0
enumeration	H1
enumeration	H2
enumeration	H3
enumeration	H4
enumeration	H5
enumeration	H6
enumeration	H7
enumeration	H8
enumeration	J0
enumeration	J1
enumeration	J2
enumeration	J3
enumeration	J4
enumeration	JA
enumeration	JB
enumeration	JC
enumeration	JD
enumeration	JE
enumeration	JF
enumeration	JG
enumeration	JH
enumeration	JJ
enumeration	JK
enumeration	JL
enumeration	JM
enumeration	JN
enumeration	JP
enumeration	JQ
enumeration	JR

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	enumeration JS enumeration K0 enumeration K1 enumeration K2 enumeration K3 enumeration K4 enumeration KA enumeration KB enumeration KC enumeration KD enumeration KE enumeration KF enumeration KG enumeration KH enumeration KJ enumeration KK enumeration KL enumeration KM enumeration KN enumeration KP enumeration KQ enumeration KR enumeration KS
source	<code><xs:element name="TestName" type="trex:TestNameType" minOccurs="0"/></code>

element **AssessmentType/AdditionalTestName**

diagram	
type	trex:AdditionalTestNameType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 60
source	<code><xs:element name="AdditionalTestName" type="trex:AdditionalTestNameType" minOccurs="0"/></code>

element **AssessmentType/TestLevel**

diagram	
type	trex:GradeLevelType
properties	minOcc 0 maxOcc 1

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	content simple																																																
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>EE</td><td></td></tr> <tr><td>enumeration</td><td>PK</td><td></td></tr> <tr><td>enumeration</td><td>KG</td><td></td></tr> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>02</td><td></td></tr> <tr><td>enumeration</td><td>03</td><td></td></tr> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>05</td><td></td></tr> <tr><td>enumeration</td><td>06</td><td></td></tr> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	EE		enumeration	PK		enumeration	KG		enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	08		enumeration	09		enumeration	10		enumeration	11		enumeration	12	
Kind	Value	Annotation																																															
enumeration	EE																																																
enumeration	PK																																																
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enumeration	01																																																
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enumeration	08																																																
enumeration	09																																																
enumeration	10																																																
enumeration	11																																																
enumeration	12																																																
source	<code><xs:element name="TestLevel" type="trex:GradeLevelType" minOccurs="0"/></code>																																																

element **AssessmentType/TestDate**

diagram							
type	trex:YMType						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[0-9]{4}-[01]?[0-9]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[0-9]{4}-[01]?[0-9]	
Kind	Value	Annotation					
pattern	[0-9]{4}-[01]?[0-9]						
source	<code><xs:element name="TestDate" type="trex:YMType" minOccurs="0"/></code>						

element **AssessmentType/ExitRequirementMetDate**

diagram							
type	trex:YMType						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[0-9]{4}-[01]?[0-9]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[0-9]{4}-[01]?[0-9]	
Kind	Value	Annotation					
pattern	[0-9]{4}-[01]?[0-9]						
source	<code><xs:element name="ExitRequirementMetDate" type="trex:YMType" minOccurs="0"/></code>						

element **AssessmentType/TestScore**

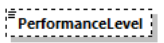
diagram	
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type	trex:TestScoreType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 6
source	<code><xs:element name="TestScore" type="trex:TestScoreType" minOccurs="0"/></code>

element **AssessmentType/TestCode**

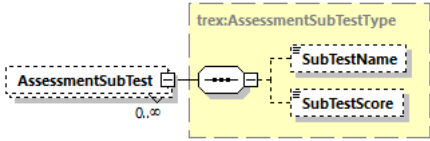
diagram	
type	trex:TestCodeType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration A enumeration B enumeration C enumeration D enumeration E enumeration G enumeration I enumeration L enumeration M enumeration N enumeration O enumeration P enumeration Q enumeration R enumeration S enumeration T enumeration W enumeration X enumeration Y enumeration Z enumeration *
source	<code><xs:element name="TestCode" type="trex:TestCodeType" minOccurs="0"/></code>

element **AssessmentType/PerformanceLevel**

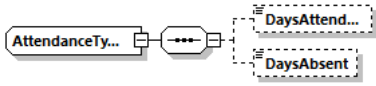
diagram	
type	trex:PerformanceLevelType

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1 enumeration 2 enumeration 3 enumeration 4 enumeration 6 enumeration 7 enumeration 8 enumeration 9 enumeration A enumeration B
source	<code><xs:element name="PerformanceLevel" type="trex:PerformanceLevelType" minOccurs="0"/></code>

element **AssessmentType/AssessmentSubTest**


diagram	
type	trex:AssessmentSubTestType
properties	minOcc 0 maxOcc unbounded content complex
children	SubTestName SubTestScore
source	<code><xs:element name="AssessmentSubTest" type="trex:AssessmentSubTestType" minOccurs="0" maxOccurs="unbounded"/></code>

complexType **AttendanceType**

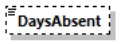
diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	DaysAttended DaysAbsent
used by	element StudentRecordType/Attendance
source	<code><xs:complexType name="AttendanceType"> <xs:sequence> <xs:element name="DaysAttended" type="trex:DaysType" minOccurs="0"/> <xs:element name="DaysAbsent" type="trex:DaysType" minOccurs="0"/> </xs:sequence> </xs:complexType></code>

	<code></xs:complexType></code>
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element **AttendanceType/DaysAttended**

diagram										
type	trex:DaysType									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>totalDigits</td> <td>4</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </table>	Kind	Value	Annotation	totalDigits	4		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	4									
fractionDigits	1									
source	<code><xs:element name="DaysAttended" type="trex:DaysType" minOccurs="0"/></code>									

element **AttendanceType/DaysAbsent**

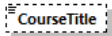
diagram										
type	trex:DaysType									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>totalDigits</td> <td>4</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </table>	Kind	Value	Annotation	totalDigits	4		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	4									
fractionDigits	1									
source	<code><xs:element name="DaysAbsent" type="trex:DaysType" minOccurs="0"/></code>									

complexType **CourseType**


<p>diagram</p>	
<p>namespace</p>	<p>urn:us:tx:state:tea:TRExv1.20</p>
<p>children</p>	<p>CourseTitle CourseID Abbreviation Semester ClassPeriod SubjectArea CourseGrade WithdrawGrade GradeAverage CourseCredit PassFailCredit Explanation CourseTeacher CreditCampus SemesterSeq FinalGradeAverage</p>
<p>used by</p>	<p>elements AcademicSessionType/Course CurrentCourseworkType/Course</p>
<p>source</p>	<pre><xs:complexType name="CourseType"> <xs:sequence> <xs:element name="CourseTitle" type="trex:CourseTitleType" minOccurs="0"/> <xs:element name="CourseID" type="trex:CourseIDType" minOccurs="0"/> <xs:element name="Abbreviation" type="trex:AbbreviationType" minOccurs="0"/> <xs:element name="Semester" type="trex:SemesterType" minOccurs="0"/> <xs:element name="ClassPeriod" type="trex:ClassPeriodType" minOccurs="0"/> <xs:element name="SubjectArea" type="trex:SubjectAreaType" minOccurs="0"/> <xs:element name="CourseGrade" type="trex:CourseGradeType" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="WithdrawGrade" type="trex:WithdrawGradeType" minOccurs="0"/> <xs:element name="GradeAverage" type="trex:CourseGradeType" minOccurs="0"/> <xs:element name="CourseCredit" type="trex:CourseCreditType" minOccurs="0"/> <xs:element name="PassFailCredit" type="trex:PassFailCreditType" minOccurs="0"/> <xs:element name="Explanation" type="trex:CourseExplanationType" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="CourseTeacher" type="trex:CourseTeacherType" minOccurs="0"/> <xs:element name="CreditCampus" type="trex:SchoolIDType" minOccurs="0"/> <xs:element name="SemesterSeq" type="trex:SemesterSeqType" minOccurs="0"/> <xs:element name="FinalGradeAverage" type="trex:CourseGradeType" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>

	<code></xs:complexType></code>
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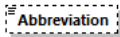
element **CourseType/CourseTitle**

diagram	
type	trex:CourseTitleType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 100
source	<code><xs:element name="CourseTitle" type="trex:CourseTitleType" minOccurs="0"/></code>


element **CourseType/CourseID**

diagram	
type	trex:CourseIDType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 64
source	<code><xs:element name="CourseID" type="trex:CourseIDType" minOccurs="0"/></code>

element **CourseType/Abbreviation**

diagram	
type	trex:AbbreviationType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 100
source	<code><xs:element name="Abbreviation" type="trex:AbbreviationType" minOccurs="0"/></code>

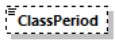
element **CourseType/Semester**

diagram	
type	trex:SemesterType


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properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 1
source	<code><xs:element name="Semester" type="trex:SemesterType" minOccurs="0"/></code>

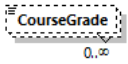
element CourseType/ClassPeriod

diagram	
type	trex:ClassPeriodType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
source	<code><xs:element name="ClassPeriod" type="trex:ClassPeriodType" minOccurs="0"/></code>

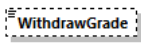
element CourseType/SubjectArea

diagram	
type	trex:SubjectAreaType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration ELA enumeration SP enumeration MA enumeration SC enumeration SS enumeration ECFE enumeration HL enumeration PE enumeration LOTE enumeration FA enumeration TA enumeration CTE enumeration EL enumeration LC
source	<code><xs:element name="SubjectArea" type="trex:SubjectAreaType" minOccurs="0"/></code>


element **CourseType/CourseGrade**

diagram	
type	trex:CourseGradeType
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 1 maxLength 10
source	<code><xs:element name="CourseGrade" type="trex:CourseGradeType" minOccurs="0" maxOccurs="unbounded"/></code>

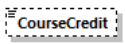
element **CourseType/WithdrawGrade**

diagram	
type	trex:WithdrawGradeType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 15
source	<code><xs:element name="WithdrawGrade" type="trex:WithdrawGradeType" minOccurs="0"/></code>

element **CourseType/GradeAverage**

diagram	
type	trex:CourseGradeType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 10
source	<code><xs:element name="GradeAverage" type="trex:CourseGradeType" minOccurs="0"/></code>

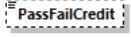
element **CourseType/CourseCredit**

diagram	
type	trex:CourseCreditType
properties	minOcc 0 maxOcc 1 content simple

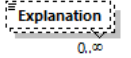
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facets	Kind	Value	Annotation
	totalDigits	2	
	fractionDigits	1	
source	<code><xs:element name="CourseCredit" type="trex:CourseCreditType" minOccurs="0"/></code>		

element **CourseType/PassFailCredit**

diagram																																																	
type	trex:PassFailCreditType																																																
properties	minOcc 0 maxOcc 1 content simple																																																
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>00</td><td></td></tr> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>02</td><td></td></tr> <tr><td>enumeration</td><td>03</td><td></td></tr> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>05</td><td></td></tr> <tr><td>enumeration</td><td>06</td><td></td></tr> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>14</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00		enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	08		enumeration	09		enumeration	10		enumeration	11		enumeration	12		enumeration	13		enumeration	14	
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source	<code><xs:element name="PassFailCredit" type="trex:PassFailCreditType" minOccurs="0"/></code>																																																

element **CourseType/Explanation**

diagram																						
type	trex:CourseExplanationType																					
properties	minOcc 0 maxOcc unbounded content simple																					
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>A</td><td></td></tr> <tr><td>enumeration</td><td>C</td><td></td></tr> <tr><td>enumeration</td><td>D</td><td></td></tr> <tr><td>enumeration</td><td>E</td><td></td></tr> <tr><td>enumeration</td><td>G</td><td></td></tr> <tr><td>enumeration</td><td>H</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	A		enumeration	C		enumeration	D		enumeration	E		enumeration	G		enumeration	H	
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	enumeration I enumeration J enumeration K enumeration L enumeration M enumeration P enumeration Q enumeration R enumeration T enumeration V enumeration X enumeration Z enumeration 1 enumeration 2 enumeration 3 enumeration 4 enumeration 5 enumeration 7 enumeration 8 enumeration 9 enumeration 10
source	<pre><xs:element name="Explanation" type="trex:CourseExplanationType" minOccurs="0" maxOccurs="unbounded"/></pre>

element **CourseType/CourseTeacher**

diagram										
type	trex:CourseTeacherType									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>40</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	40	
Kind	Value	Annotation								
minLength	1									
maxLength	40									
source	<pre><xs:element name="CourseTeacher" type="trex:CourseTeacherType" minOccurs="0"/></pre>									

element **CourseType/CreditCampus**

diagram							
type	trex:SchoolIDType						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation			
Kind	Value	Annotation					

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 Appendix C – TReX XSD Graphical Representation

	pattern ([0-9]{9})
source	<code><xs:element name="CreditCampus" type="trex:SchoolIDType" minOccurs="0"/></code>

element **CourseType/SemesterSeq**

diagram																																																																			
type	trex:SemesterSeqType																																																																		
properties	minOcc 0 maxOcc 1 content simple																																																																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>0</td><td></td></tr> <tr><td>enumeration</td><td>1</td><td></td></tr> <tr><td>enumeration</td><td>2</td><td></td></tr> <tr><td>enumeration</td><td>3</td><td></td></tr> <tr><td>enumeration</td><td>4</td><td></td></tr> <tr><td>enumeration</td><td>5</td><td></td></tr> <tr><td>enumeration</td><td>6</td><td></td></tr> <tr><td>enumeration</td><td>7</td><td></td></tr> <tr><td>enumeration</td><td>8</td><td></td></tr> <tr><td>enumeration</td><td>9</td><td></td></tr> <tr><td>enumeration</td><td>D0</td><td></td></tr> <tr><td>enumeration</td><td>D1</td><td></td></tr> <tr><td>enumeration</td><td>D2</td><td></td></tr> <tr><td>enumeration</td><td>D3</td><td></td></tr> <tr><td>enumeration</td><td>D4</td><td></td></tr> <tr><td>enumeration</td><td>D5</td><td></td></tr> <tr><td>enumeration</td><td>D6</td><td></td></tr> <tr><td>enumeration</td><td>D7</td><td></td></tr> <tr><td>enumeration</td><td>D8</td><td></td></tr> <tr><td>enumeration</td><td>D9</td><td></td></tr> <tr><td>enumeration</td><td>A</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5		enumeration	6		enumeration	7		enumeration	8		enumeration	9		enumeration	D0		enumeration	D1		enumeration	D2		enumeration	D3		enumeration	D4		enumeration	D5		enumeration	D6		enumeration	D7		enumeration	D8		enumeration	D9		enumeration	A	
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source	<code><xs:element name="SemesterSeq" type="trex:SemesterSeqType" minOccurs="0"/></code>																																																																		

element **CourseType/FinalGradeAverage**

diagram										
type	trex:CourseGradeType									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>minLength</td><td>1</td><td></td></tr> <tr><td>maxLength</td><td>10</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									

source	<code><xs:element name="FinalGradeAverage" type="trex:CourseGradeType" minOccurs="0"/></code>
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complexType **CurrentCourseworkType**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	Course SchoolYear GradeLevel SessionType
used by	element StudentRecordType/CurrentCoursework
source	<pre> <xs:complexType name="CurrentCourseworkType"> <xs:sequence> <xs:element name="Course" type="trex:CourseType" maxOccurs="unbounded"/> <xs:element name="SchoolYear" type="trex:YearRangeType"/> <xs:element name="GradeLevel" type="trex:GradeLevelType"/> <xs:element name="SessionType" type="trex:SessionTypeType" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

element **CurrentCourseworkType/Course**

diagram	
type	trex:CourseType
properties	minOcc 1 maxOcc unbounded content complex
children	CourseTitle CourseID Abbreviation Semester ClassPeriod SubjectArea CourseGrade WithdrawGrade GradeAverage CourseCredit PassFailCredit Explanation CourseTeacher CreditCampus SemesterSeq FinalGradeAverage
source	<code><xs:element name="Course" type="trex:CourseType" maxOccurs="unbounded"/></code>

element **CurrentCourseworkType/SchoolYear**

diagram	
type	trex:YearRangeType
properties	content simple
facets	Kind Value Annotation pattern [0-9]{4}-[0-9]{4}
source	<code><xs:element name="SchoolYear" type="trex:YearRangeType"/></code>

element **CurrentCourseworkType/GradeLevel**

diagram	
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type	trex:GradeLevelType																																																
properties	content simple																																																
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>EE</td><td></td></tr> <tr><td>enumeration</td><td>PK</td><td></td></tr> <tr><td>enumeration</td><td>KG</td><td></td></tr> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>02</td><td></td></tr> <tr><td>enumeration</td><td>03</td><td></td></tr> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>05</td><td></td></tr> <tr><td>enumeration</td><td>06</td><td></td></tr> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	EE		enumeration	PK		enumeration	KG		enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	08		enumeration	09		enumeration	10		enumeration	11		enumeration	12	
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enumeration	12																																																
source	<code><xs:element name="GradeLevel" type="trex:GradeLevelType"/></code>																																																

element **CurrentCourseworkType/SessionType**

diagram													
type	trex:SessionTypeType												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>Semester</td><td></td></tr> <tr><td>enumeration</td><td>Trimester</td><td></td></tr> <tr><td>enumeration</td><td>Quarter</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Semester		enumeration	Trimester		enumeration	Quarter	
Kind	Value	Annotation											
enumeration	Semester												
enumeration	Trimester												
enumeration	Quarter												
source	<code><xs:element name="SessionType" type="trex:SessionTypeType" minOccurs="0"/></code>												

complexType **DisciplineActionType**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	DisciplineActionDate DisciplineActionNum DisciplineActionCode DisciplineActionReason
used by	element StudentRecordType/DisciplineAction

source	<pre><xs:complexType name="DisciplineActionType"> <xs:sequence> <xs:element name="DisciplineActionDate" type="trex:YMDType" minOccurs="0"/> <xs:element name="DisciplineActionNum" type="trex:DisciplineActionNumType" minOccurs="0"/> <xs:element name="DisciplineActionCode" type="trex:DisciplineActionCodeType" minOccurs="0"/> <xs:element name="DisciplineActionReason" type="trex:DisciplineActionReasonType" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>
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element **DisciplineActionType/DisciplineActionDate**

diagram	
type	trex:YMDType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern [0-9]{4}-[01]?[0-9]-[0123]?[0-9]
source	<pre><xs:element name="DisciplineActionDate" type="trex:YMDType" minOccurs="0"/></pre>

element **DisciplineActionType/DisciplineActionNum**

diagram	
type	trex:DisciplineActionNumType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 3
source	<pre><xs:element name="DisciplineActionNum" type="trex:DisciplineActionNumType" minOccurs="0"/></pre>

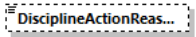
element **DisciplineActionType/DisciplineActionCode**

diagram	
type	trex:DisciplineActionCodeType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 01 enumeration 02 enumeration 03

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	enumeration 04 enumeration 05 enumeration 06 enumeration 07 enumeration 08 enumeration 09 enumeration 10 enumeration 11 enumeration 12 enumeration 13 enumeration 14 enumeration 15 enumeration 25 enumeration 26 enumeration 27 enumeration 28 enumeration 50 enumeration 51 enumeration 52 enumeration 53 enumeration 54 enumeration 55 enumeration 56 enumeration 57 enumeration 58 enumeration 59 enumeration 60 enumeration 61
source	<code><xs:element name="DisciplineActionCode" type="trex:DisciplineActionCodeType" minOccurs="0"/></code>

element **DisciplineActionType/DisciplineActionReason**

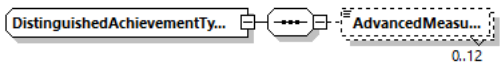
diagram																						
type	trex:DisciplineActionReasonType																					
properties	minOcc 0 maxOcc 1 content simple																					
facets	<table border="0"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>01</td> <td></td> </tr> <tr> <td>enumeration</td> <td>02</td> <td></td> </tr> <tr> <td>enumeration</td> <td>04</td> <td></td> </tr> <tr> <td>enumeration</td> <td>05</td> <td></td> </tr> <tr> <td>enumeration</td> <td>06</td> <td></td> </tr> <tr> <td>enumeration</td> <td>07</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	01		enumeration	02		enumeration	04		enumeration	05		enumeration	06		enumeration	07	
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enumeration	08	
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enumeration	32	
enumeration	33	documentation Deprecated
enumeration	34	documentation Deprecated
enumeration	35	
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enumeration	37	
enumeration	41	
enumeration	46	
enumeration	47	
enumeration	48	
enumeration	49	
enumeration	50	documentation Deprecated
enumeration	51	
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enumeration	53	
enumeration	54	
enumeration	55	
enumeration	56	
enumeration	57	
enumeration	58	
enumeration	59	
enumeration	60	
enumeration	61	

source	<code><xs:element name="DisciplineActionReason" type="trex:DisciplineActionReasonType" minOccurs="0"/></code>
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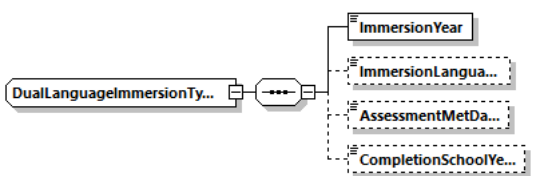
complexType **DistinguishedAchievementType**

diagram	
namespace	urn:us:tx:state:tea:TRExv1.20
children	AdvancedMeasure
used by	element AcademicStatusType/DistinguishedAchievements
source	<code><xs:complexType name="DistinguishedAchievementType"> <xs:sequence> <xs:element name="AdvancedMeasure" type="trex:AdvancedMeasureType" minOccurs="0" maxOccurs="12"/> </xs:sequence> </xs:complexType></code>

element **DistinguishedAchievementType/AdvancedMeasure**

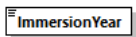
diagram	
type	trex:AdvancedMeasureType
properties	minOcc 0 maxOcc 12 content simple
facets	Kind Value Annotation enumeration A enumeration B enumeration C enumeration D enumeration E enumeration F
source	<code><xs:element name="AdvancedMeasure" type="trex:AdvancedMeasureType" minOccurs="0" maxOccurs="12"/></code>

complexType **DualLanguageImmersionType**

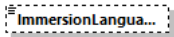
diagram	
namespace	urn:us:tx:state:tea:TRExv1.20

children	ImmersionYear ImmersionLanguage AssessmentMetDate CompletionSchoolYear
used by	element SpecialProgramsType/DualLanguageImmersion
source	<pre><xs:complexType name="DualLanguageImmersionType"> <xs:sequence> <xs:element name="ImmersionYear" type="trex:DualLanguageImmersionYearCode"/> <xs:element name="ImmersionLanguage" type="trex:DualLanguageImmersionLanguageCode" minOccurs="0"/> <xs:element name="AssessmentMetDate" type="trex:YMType" minOccurs="0"/> <xs:element name="CompletionSchoolYear" type="trex:YearRangeType" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>

element **DualLanguageImmersionType/ImmersionYear**


diagram																						
type	trex:DualLanguageImmersionYearCode																					
properties	content simple																					
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>00</td> <td></td> </tr> <tr> <td>enumeration</td> <td>01</td> <td></td> </tr> <tr> <td>enumeration</td> <td>02</td> <td></td> </tr> <tr> <td>enumeration</td> <td>03</td> <td></td> </tr> <tr> <td>enumeration</td> <td>04</td> <td></td> </tr> <tr> <td>enumeration</td> <td>05</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00		enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05	
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source	<pre><xs:element name="ImmersionYear" type="trex:DualLanguageImmersionYearCode"/></pre>																					

element **DualLanguageImmersionType/ImmersionLanguage**

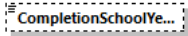
diagram																															
type	trex:DualLanguageImmersionLanguageCode																														
properties	minOcc 0 maxOcc 1 content simple																														
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>01</td> <td></td> </tr> <tr> <td>enumeration</td> <td>02</td> <td></td> </tr> <tr> <td>enumeration</td> <td>03</td> <td></td> </tr> <tr> <td>enumeration</td> <td>04</td> <td></td> </tr> <tr> <td>enumeration</td> <td>05</td> <td></td> </tr> <tr> <td>enumeration</td> <td>06</td> <td></td> </tr> <tr> <td>enumeration</td> <td>07</td> <td></td> </tr> <tr> <td>enumeration</td> <td>08</td> <td></td> </tr> <tr> <td>enumeration</td> <td>09</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	08		enumeration	09	
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	enumeration 10 enumeration 11 enumeration 12 enumeration 13 enumeration 14 enumeration 15 enumeration 16
source	<code><xs:element name="ImmersionLanguage" type="trex:DualLanguageImmersionLanguageCode" minOccurs="0"/></code>

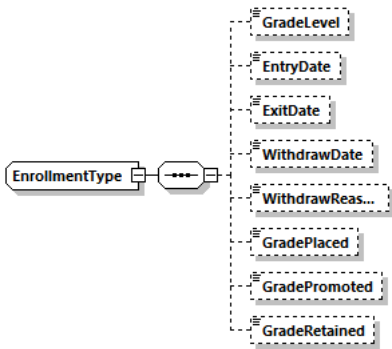
element **DualLanguageImmersionType/AssessmentMetDate**

diagram	
type	trex:YMTType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern [0-9]{4}-[01]?[0-9]
source	<code><xs:element name="AssessmentMetDate" type="trex:YMTType" minOccurs="0"/></code>

element **DualLanguageImmersionType/CompletionSchoolYear**

diagram	
type	trex:YearRangeType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern [0-9]{4}-[0-9]{4}
source	<code><xs:element name="CompletionSchoolYear" type="trex:YearRangeType" minOccurs="0"/></code>

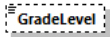
complexType **EnrollmentType**

diagram	
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namespace	urn:us:tx:state:tea:TRExv1.20
children	GradeLevel EntryDate ExitDate WithdrawDate WithdrawReason GradePlaced GradePromoted GradeRetained
used by	element StudentRecordType/Enrollment
source	<pre><xs:complexType name="EnrollmentType"> <xs:sequence> <xs:element name="GradeLevel" type="trex:GradeLevelType" minOccurs="0"/> <xs:element name="EntryDate" type="trex:YMDType" minOccurs="0"/> <xs:element name="ExitDate" type="trex:YMDType" minOccurs="0"/> <xs:element name="WithdrawDate" type="trex:YMDType" minOccurs="0"/> <xs:element name="WithdrawReason" type="trex:WithdrawReasonType" minOccurs="0"/> <xs:element name="GradePlaced" type="trex:GradeLevelType" minOccurs="0"/> <xs:element name="GradePromoted" type="trex:GradeLevelType" minOccurs="0"/> <xs:element name="GradeRetained" type="trex:GradeLevelType" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>

element **EnrollmentType/GradeLevel**

diagram																																																	
type	trex:GradeLevelType																																																
properties	minOcc 0 maxOcc 1 content simple																																																
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>EE</td><td></td></tr> <tr><td>enumeration</td><td>PK</td><td></td></tr> <tr><td>enumeration</td><td>KG</td><td></td></tr> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>02</td><td></td></tr> <tr><td>enumeration</td><td>03</td><td></td></tr> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>05</td><td></td></tr> <tr><td>enumeration</td><td>06</td><td></td></tr> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	EE		enumeration	PK		enumeration	KG		enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	08		enumeration	09		enumeration	10		enumeration	11		enumeration	12	
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source	<pre><xs:element name="GradeLevel" type="trex:GradeLevelType" minOccurs="0"/></pre>																																																

element **EnrollmentType/EntryDate**

diagram	
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type	trex:YMDType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern [0-9]{4}-[01]?[0-9]-[0123]?[0-9]
source	<code><xs:element name="EntryDate" type="trex:YMDType" minOccurs="0"/></code>

element **EnrollmentType/ExitDate**

diagram	
type	trex:YMDType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern [0-9]{4}-[01]?[0-9]-[0123]?[0-9]
source	<code><xs:element name="ExitDate" type="trex:YMDType" minOccurs="0"/></code>

element **EnrollmentType/WithdrawDate**


diagram	
type	trex:YMDType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern [0-9]{4}-[01]?[0-9]-[0123]?[0-9]
source	<code><xs:element name="WithdrawDate" type="trex:YMDType" minOccurs="0"/></code>

element **EnrollmentType/WithdrawReason**


diagram	
type	trex:WithdrawReasonType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 01 enumeration 03 enumeration 16 enumeration 24 enumeration 60 enumeration 66

	enumeration 78
	enumeration 81
	enumeration 82
	enumeration 83
	enumeration 85
	enumeration 86
	enumeration 87
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	enumeration 89
	enumeration 90
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	enumeration 99
source	<code><xs:element name="WithdrawReason" type="trex:WithdrawReasonType" minOccurs="0"/></code>

element **EnrollmentType/GradePlaced**

diagram																																																	
type	trex:GradeLevelType																																																
properties	minOcc 0 maxOcc 1 content simple																																																
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source	<code><xs:element name="GradePlaced" type="trex:GradeLevelType" minOccurs="0"/></code>																																																


element **EnrollmentType/GradePromoted**

diagram	
type	trex:GradeLevelType

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properties	minOcc 0 maxOcc 1 content simple																																																
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source	<code><xs:element name="GradePromoted" type="trex:GradeLevelType" minOccurs="0"/></code>																																																

element **EnrollmentType/GradeRetained**

diagram																																																	
type	trex:GradeLevelType																																																
properties	minOcc 0 maxOcc 1 content simple																																																
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>EE</td><td></td></tr> <tr><td>enumeration</td><td>PK</td><td></td></tr> <tr><td>enumeration</td><td>KG</td><td></td></tr> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>02</td><td></td></tr> <tr><td>enumeration</td><td>03</td><td></td></tr> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>05</td><td></td></tr> <tr><td>enumeration</td><td>06</td><td></td></tr> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	EE		enumeration	PK		enumeration	KG		enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	08		enumeration	09		enumeration	10		enumeration	11		enumeration	12	
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source	<code><xs:element name="GradeRetained" type="trex:GradeLevelType" minOccurs="0"/></code>																																																

complexType **EthnicityType**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	AmericanIndianAlaskaNativeCode AsianCode BlackAfricanAmericanCode HispanicLatinoCode NativeHawaiianPacificIslanderCode WhiteCode
used by	element StudentDemographicType/Ethnicity
source	<pre><xs:complexType name="EthnicityType"> <xs:sequence> <xs:element name="AmericanIndianAlaskaNativeCode" type="trex:EthnicityYesNoType"/> <xs:element name="AsianCode" type="trex:EthnicityYesNoType"/> <xs:element name="BlackAfricanAmericanCode" type="trex:EthnicityYesNoType"/> <xs:element name="HispanicLatinoCode" type="trex:EthnicityYesNoType"/> <xs:element name="NativeHawaiianPacificIslanderCode" type="trex:EthnicityYesNoType"/> <xs:element name="WhiteCode" type="trex:EthnicityYesNoType"/> </xs:sequence> </xs:complexType></pre>

element **EthnicityType/AmericanIndianAlaskaNativeCode**


diagram										
type	trex:EthnicityYesNoType									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
source	<pre><xs:element name="AmericanIndianAlaskaNativeCode" type="trex:EthnicityYesNoType"/></pre>									

element **EthnicityType/AsianCode**


diagram	
type	trex:EthnicityYesNoType
properties	content simple

facets	Kind Value Annotation enumeration 0 enumeration 1
source	<code><xs:element name="AsianCode" type="trex:EthnicityYesNoType"/></code>


element **EthnicityType/BlackAfricanAmericanCode**

diagram	
type	trex:EthnicityYesNoType
properties	content simple
facets	Kind Value Annotation enumeration 0 enumeration 1
source	<code><xs:element name="BlackAfricanAmericanCode" type="trex:EthnicityYesNoType"/></code>


element **EthnicityType/HispanicLatinoCode**

diagram	
type	trex:EthnicityYesNoType
properties	content simple
facets	Kind Value Annotation enumeration 0 enumeration 1
source	<code><xs:element name="HispanicLatinoCode" type="trex:EthnicityYesNoType"/></code>

element **EthnicityType/NativeHawaiianPacificIslanderCode**

diagram	
type	trex:EthnicityYesNoType
properties	content simple
facets	Kind Value Annotation enumeration 0 enumeration 1
source	<code><xs:element name="NativeHawaiianPacificIslanderCode" type="trex:EthnicityYesNoType"/></code>

element **EthnicityType/WhiteCode**

diagram	
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type	trex:EthnicityYesNoType									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
source	<code><xs:element name="WhiteCode" type="trex:EthnicityYesNoType"/></code>									

complexType **ImmunizationType**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	ImmunizationCode ImmunizationDate ImmunizationDose
used by	element StudentRecordType/Immunization
source	<pre> <xs:complexType name="ImmunizationType"> <xs:sequence> <xs:element name="ImmunizationCode" type="trex:ImmunizationCodeType" minOccurs="0"/> <xs:element name="ImmunizationDate" type="trex:YMDType" minOccurs="0"/> <xs:element name="ImmunizationDose" type="trex:ImmunizationDoseType" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

element **ImmunizationType/ImmunizationCode**

diagram										
type	trex:ImmunizationCodeType									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
source	<code><xs:element name="ImmunizationCode" type="trex:ImmunizationCodeType" minOccurs="0"/></code>									

element **ImmunizationType/ImmunizationDate**

diagram	
type	trex:YMDType

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern [0-9]{4}-[01]?[0-9]-[0123]?[0-9]
source	<code><xs:element name="ImmunizationDate" type="trex:YMDType" minOccurs="0"/></code>

element **ImmunizationType/ImmunizationDose**

diagram	
type	trex:ImmunizationDoseType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 2
source	<code><xs:element name="ImmunizationDose" type="trex:ImmunizationDoseType" minOccurs="0"/></code>

complexType **ParentType**

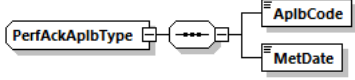
diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	Name
used by	element StudentRecordType/Parent
source	<code><xs:complexType name="ParentType"> <xs:sequence> <xs:element name="Name" type="trex:PersonNameType"/> </xs:sequence> </xs:complexType></code>

element **ParentType/Name**


diagram	
type	trex:PersonNameType
properties	content complex
children	FirstName MiddleName LastName Suffix

source	<code><xs:element name="Name" type="trex:PersonNameType"/></code>
--------	---

complexType **PerfAckApIbType**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	ApIbCode MetDate
used by	element AcademicStatusType/ApIbType
source	<pre><xs:complexType name="PerfAckApIbType"> <xs:sequence> <xs:element name="ApIbCode" type="trex:PerfAckApIbCode"/> <xs:element name="MetDate" type="trex:YMType"/> </xs:sequence> </xs:complexType></pre>

element **PerfAckApIbType/ApIbCode**

diagram																																																																
type	trex:PerfAckApIbCode																																																															
properties	content simple																																																															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>0</td><td></td></tr> <tr><td>enumeration</td><td>1</td><td></td></tr> <tr><td>enumeration</td><td>2</td><td></td></tr> <tr><td>enumeration</td><td>3</td><td></td></tr> <tr><td>enumeration</td><td>4</td><td></td></tr> <tr><td>enumeration</td><td>5</td><td></td></tr> <tr><td>enumeration</td><td>6</td><td></td></tr> <tr><td>enumeration</td><td>7</td><td></td></tr> <tr><td>enumeration</td><td>8</td><td></td></tr> <tr><td>enumeration</td><td>9</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>14</td><td></td></tr> <tr><td>enumeration</td><td>15</td><td></td></tr> <tr><td>enumeration</td><td>16</td><td></td></tr> <tr><td>enumeration</td><td>17</td><td></td></tr> <tr><td>enumeration</td><td>18</td><td></td></tr> <tr><td>enumeration</td><td>19</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5		enumeration	6		enumeration	7		enumeration	8		enumeration	9		enumeration	10		enumeration	11		enumeration	12		enumeration	13		enumeration	14		enumeration	15		enumeration	16		enumeration	17		enumeration	18		enumeration	19	
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	enumeration 182
source	<code><xs:element name="ApIbCode" type="trex:PerfAckApIbCode"/></code>

element **PerfAckApIbType/MetDate**

diagram							
type	trex:YMType						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[0-9]{4}-[01]?[0-9]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[0-9]{4}-[01]?[0-9]	
Kind	Value	Annotation					
pattern	[0-9]{4}-[01]?[0-9]						
source	<code><xs:element name="MetDate" type="trex:YMType"/></code>						

complexType **PerfAckBilingBilitType**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	BilingBilitCode MetDate
used by	element AcademicStatusType/BilingBilitType
source	<code><xs:complexType name="PerfAckBilingBilitType"> <xs:sequence> <xs:element name="BilingBilitCode" type="trex:PerfAckBilingBilitCode"/> <xs:element name="MetDate" type="trex:YMType"/> </xs:sequence> </xs:complexType></code>

element **PerfAckBilingBilitType/BilingBilitCode**

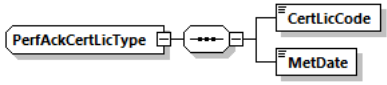
diagram										
type	trex:PerfAckBilingBilitCode									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
source	<code><xs:element name="BilingBilitCode" type="trex:PerfAckBilingBilitCode"/></code>									

element **PerfAckBilingBilitType/MetDate**


diagram	
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type	trex:YMTType						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[0-9]{4}-[01]?[0-9]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[0-9]{4}-[01]?[0-9]	
Kind	Value	Annotation					
pattern	[0-9]{4}-[01]?[0-9]						
source	<code><xs:element name="MetDate" type="trex:YMTType"/></code>						


complexType **PerfAckCertLicType**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	CertLicCode MetDate
used by	element AcademicStatusType/CertLicType
source	<code><xs:complexType name="PerfAckCertLicType"> <xs:sequence> <xs:element name="CertLicCode" type="trex:PerfAckCertLicCode"/> <xs:element name="MetDate" type="trex:YMTType"/> </xs:sequence> </xs:complexType></code>

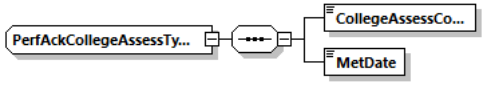
element **PerfAckCertLicType/CertLicCode**

diagram										
type	trex:PerfAckCertLicCode									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>61</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	61	
Kind	Value	Annotation								
minLength	1									
maxLength	61									
source	<code><xs:element name="CertLicCode" type="trex:PerfAckCertLicCode"/></code>									

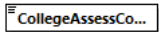
element **PerfAckCertLicType/MetDate**

diagram							
type	trex:YMTType						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[0-9]{4}-[01]?[0-9]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[0-9]{4}-[01]?[0-9]	
Kind	Value	Annotation					
pattern	[0-9]{4}-[01]?[0-9]						
source	<code><xs:element name="MetDate" type="trex:YMTType"/></code>						


complexType **PerfAckCollegeAssessType**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	CollegeAssessCode MetDate
used by	element AcademicStatusType/CollegeAssessType
source	<pre><xs:complexType name="PerfAckCollegeAssessType"> <xs:sequence> <xs:element name="CollegeAssessCode" type="trex:PerfAckCollegeAssessCode"/> <xs:element name="MetDate" type="trex:YMType"/> </xs:sequence> </xs:complexType></pre>

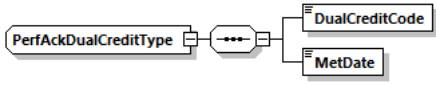
element **PerfAckCollegeAssessType/CollegeAssessCode**

diagram																												
type	trex:PerfAckCollegeAssessCode																											
properties	content simple																											
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>0</td><td></td></tr> <tr><td>enumeration</td><td>1</td><td></td></tr> <tr><td>enumeration</td><td>2</td><td></td></tr> <tr><td>enumeration</td><td>3</td><td></td></tr> <tr><td>enumeration</td><td>4</td><td></td></tr> <tr><td>enumeration</td><td>5</td><td></td></tr> <tr><td>enumeration</td><td>6</td><td></td></tr> <tr><td>enumeration</td><td>7</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5		enumeration	6		enumeration	7	
Kind	Value	Annotation																										
enumeration	0																											
enumeration	1																											
enumeration	2																											
enumeration	3																											
enumeration	4																											
enumeration	5																											
enumeration	6																											
enumeration	7																											
source	<pre><xs:element name="CollegeAssessCode" type="trex:PerfAckCollegeAssessCode"/></pre>																											

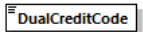
element **PerfAckCollegeAssessType/MetDate**

diagram							
type	trex:YMType						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[0-9]{4}-[01]?[0-9]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[0-9]{4}-[01]?[0-9]	
Kind	Value	Annotation					
pattern	[0-9]{4}-[01]?[0-9]						
source	<pre><xs:element name="MetDate" type="trex:YMType"/></pre>						


complexType **PerfAckDualCreditType**

diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	DualCreditCode MetDate
used by	element AcademicStatusType/DualCreditType
source	<pre><xs:complexType name="PerfAckDualCreditType"> <xs:sequence> <xs:element name="DualCreditCode" type="trex:PerfAckDualCreditCode"/> <xs:element name="MetDate" type="trex:YMType"/> </xs:sequence> </xs:complexType></pre>

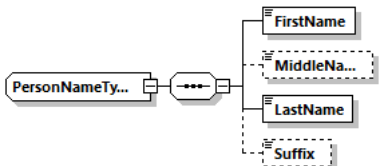
element **PerfAckDualCreditType/DualCreditCode**

diagram													
type	trex:PerfAckDualCreditCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2	
Kind	Value	Annotation											
enumeration	0												
enumeration	1												
enumeration	2												
source	<pre><xs:element name="DualCreditCode" type="trex:PerfAckDualCreditCode"/></pre>												

element **PerfAckDualCreditType/MetDate**

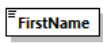
diagram							
type	trex:YMType						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[0-9]{4}-[01]?[0-9]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[0-9]{4}-[01]?[0-9]	
Kind	Value	Annotation					
pattern	[0-9]{4}-[01]?[0-9]						
source	<pre><xs:element name="MetDate" type="trex:YMType"/></pre>						

complexType **PersonNameType**


diagram	
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namespace	urn:us:tx:state:tea:TREx:v1.20
children	FirstName MiddleName LastName Suffix
used by	elements ParentType/Name StudentIdentificationType/Name
source	<pre><xs:complexType name="PersonNameType"> <xs:sequence> <xs:element name="FirstName" type="trex:FirstNameType"/> <xs:element name="MiddleName" type="trex:MiddleNameType" minOccurs="0"/> <xs:element name="LastName" type="trex:LastNameType"/> <xs:element name="Suffix" type="trex:SuffixType" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>

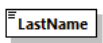
element **PersonNameType/FirstName**

diagram										
type	trex:FirstNameType									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
source	<pre><xs:element name="FirstName" type="trex:FirstNameType"/></pre>									

element **PersonNameType/MiddleName**


diagram										
type	trex:MiddleNameType									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
source	<pre><xs:element name="MiddleName" type="trex:MiddleNameType" minOccurs="0"/></pre>									

element **PersonNameType/LastName**

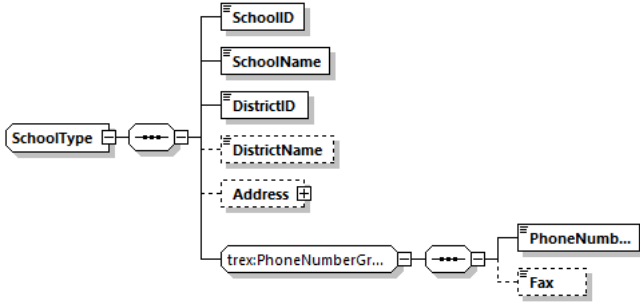
diagram										
type	trex:LastNameType									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>40</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	40	
Kind	Value	Annotation								
minLength	1									
maxLength	40									

source	<code><xs:element name="LastName" type="trex:LastNameType"/></code>
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element **PersonNameType/Suffix**


diagram																																								
type	trex:SuffixType																																							
properties	minOcc 0 maxOcc 1 content simple																																							
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>1</td><td></td></tr> <tr><td>enumeration</td><td>2</td><td></td></tr> <tr><td>enumeration</td><td>3</td><td></td></tr> <tr><td>enumeration</td><td>4</td><td></td></tr> <tr><td>enumeration</td><td>5</td><td></td></tr> <tr><td>enumeration</td><td>6</td><td></td></tr> <tr><td>enumeration</td><td>7</td><td></td></tr> <tr><td>enumeration</td><td>8</td><td></td></tr> <tr><td>enumeration</td><td>9</td><td></td></tr> <tr><td>enumeration</td><td>A</td><td></td></tr> <tr><td>enumeration</td><td>B</td><td></td></tr> <tr><td>enumeration</td><td>C</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5		enumeration	6		enumeration	7		enumeration	8		enumeration	9		enumeration	A		enumeration	B		enumeration	C	
Kind	Value	Annotation																																						
enumeration	1																																							
enumeration	2																																							
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enumeration	4																																							
enumeration	5																																							
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enumeration	7																																							
enumeration	8																																							
enumeration	9																																							
enumeration	A																																							
enumeration	B																																							
enumeration	C																																							
source	<code><xs:element name="Suffix" type="trex:SuffixType" minOccurs="0"/></code>																																							

complexType **SchoolType**

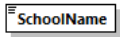
diagram	
namespace	urn:us:tx:state:tea:TRExv1.20
children	SchoolID SchoolName DistrictID DistrictName Address PhoneNumber Fax
used by	element StudentRecordType/School
source	<pre> <xs:complexType name="SchoolType"> <xs:sequence> <xs:element name="SchoolID" type="trex:SchoolIDType"/> <xs:element name="SchoolName" type="trex:SchoolNameType"/> <xs:element name="DistrictID" type="trex:DistrictIDType"/> <xs:element name="DistrictName" type="trex:DistrictNameType" minOccurs="0"/> <xs:element name="Address" type="trex:AddressType" minOccurs="0"/> <xs:element name="trex:PhoneNumberGroup" type="trex:PhoneNumberGroupType"/> </xs:sequence> </xs:complexType> </pre>

```
<xs:group ref="trex:PhoneNumberGroup"/>
</xs:sequence>
</xs:complexType>
```


element **SchoolType/SchoolID**

diagram							
type	trex:SchoolIDType						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>{0-9}{9}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	{0-9}{9}	
Kind	Value	Annotation					
pattern	{0-9}{9}						
source	<code><xs:element name="SchoolID" type="trex:SchoolIDType"/></code>						

element **SchoolType/SchoolName**

diagram										
type	trex:SchoolNameType									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>34</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	34	
Kind	Value	Annotation								
minLength	1									
maxLength	34									
source	<code><xs:element name="SchoolName" type="trex:SchoolNameType"/></code>									

element **SchoolType/DistrictID**

diagram							
type	trex:DistrictIDType						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>{0-9}{6}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	{0-9}{6}	
Kind	Value	Annotation					
pattern	{0-9}{6}						
source	<code><xs:element name="DistrictID" type="trex:DistrictIDType"/></code>						

element **SchoolType/DistrictName**

diagram							
type	trex:DistrictNameType						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1	
Kind	Value	Annotation					
minLength	1						

	maxLength 34
source	<code><xs:element name="DistrictName" type="trex:DistrictNameType" minOccurs="0"/></code>

element **SchoolType/Address**

diagram	
type	trex:AddressType
properties	minOcc 0 maxOcc 1 content complex
children	Address City StateProvince Country PostalCode
source	<code><xs:element name="Address" type="trex:AddressType" minOccurs="0"/></code>

complexType **SpecialProgramsType**


diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20
children	LEP AlternativeLanguage DualLanguageImmersion EconomicDisadvantaged AtRisk TitleI SpecialEd IEP Bilingual ESL GiftedTalented CTE PersonalGradPlan
used by	element StudentRecordType/SpecialPrograms
source	<code><xs:complexType name="SpecialProgramsType"> <xs:sequence></code>

```


<xs:element name="LEP" type="trex:LEPType" minOccurs="0"/>
<xs:element name="AlternativeLanguage" type="trex:AlternativeLanguageType"
minOccurs="0"/>
<xs:element name="DualLanguageImmersion"
type="trex:DualLanguageImmersionType"/>
<xs:element name="EconomicDisadvantaged" type="trex:EconomicDisadvantagedType"
minOccurs="0"/>
<xs:element name="AtRisk" type="trex:ParticipationType" minOccurs="0"/>
<xs:element name="TitleI" type="trex:TitleIType" minOccurs="0"/>
<xs:element name="SpecialEd" type="trex:ParticipationType" minOccurs="0"/>
<xs:element name="IEP" type="trex:ParticipationType" minOccurs="0"/>
<xs:element name="Bilingual" type="trex:BilingualType" minOccurs="0"/>
<xs:element name="ESL" type="trex:ESLType" minOccurs="0"/>
<xs:element name="GiftedTalented" type="trex:GiftedTalentedType"
minOccurs="0"/>
<xs:element name="CTE" type="trex:CareerTechEdType" minOccurs="0"/>
<xs:element name="PersonalGradPlan" type="trex:ParticipationType"
minOccurs="0"/>
</xs:sequence>
</xs:complexType>

```

element **SpecialProgramsType/LEP**

diagram																									
type	trex:LEPType																								
properties	minOcc 0 maxOcc 1 content simple																								
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>F</td> <td></td> </tr> <tr> <td>enumeration</td> <td>S</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>4</td> <td></td> </tr> <tr> <td>enumeration</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	F		enumeration	S		enumeration	3		enumeration	4		enumeration	5	
Kind	Value	Annotation																							
enumeration	0																								
enumeration	1																								
enumeration	F																								
enumeration	S																								
enumeration	3																								
enumeration	4																								
enumeration	5																								
source	<code><xs:element name="LEP" type="trex:LEPType" minOccurs="0"/></code>																								

element **SpecialProgramsType/AlternativeLanguage**

diagram										
type	trex:AlternativeLanguageType									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>00</td> <td></td> </tr> <tr> <td>enumeration</td> <td>01</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00		enumeration	01	
Kind	Value	Annotation								
enumeration	00									
enumeration	01									

	enumeration 02
source	<code><xs:element name="AlternativeLanguage" type="trex:AlternativeLanguageType" minOccurs="0"/></code>

element **SpecialProgramsType/DualLanguageImmersion**

diagram	
type	trex:DualLanguageImmersionType
properties	content complex
children	ImmersionYear ImmersionLanguage AssessmentMetDate CompletionSchoolYear
source	<code><xs:element name="DualLanguageImmersion" type="trex:DualLanguageImmersionType"/></code>

element **SpecialProgramsType/EconomicDisadvantaged**


diagram																
type	trex:EconomicDisadvantagedType															
properties	minOcc 0 maxOcc 1 content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>00</td> <td></td> </tr> <tr> <td>enumeration</td> <td>01</td> <td></td> </tr> <tr> <td>enumeration</td> <td>02</td> <td></td> </tr> <tr> <td>enumeration</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00		enumeration	01		enumeration	02		enumeration	99	
Kind	Value	Annotation														
enumeration	00															
enumeration	01															
enumeration	02															
enumeration	99															
source	<code><xs:element name="EconomicDisadvantaged" type="trex:EconomicDisadvantagedType" minOccurs="0"/></code>															

element **SpecialProgramsType/AtRisk**


diagram										
type	trex:ParticipationType									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									

source	<code><xs:element name="AtRisk" type="trex:ParticipationType" minOccurs="0"/></code>
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element **SpecialProgramsType/TitleI**

diagram																						
type	trex:TitleIType																					
properties	minOcc 0 maxOcc 1 content simple																					
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>A</td> <td></td> </tr> <tr> <td>enumeration</td> <td>6</td> <td></td> </tr> <tr> <td>enumeration</td> <td>7</td> <td></td> </tr> <tr> <td>enumeration</td> <td>8</td> <td></td> </tr> <tr> <td>enumeration</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	A		enumeration	6		enumeration	7		enumeration	8		enumeration	9	
Kind	Value	Annotation																				
enumeration	0																					
enumeration	A																					
enumeration	6																					
enumeration	7																					
enumeration	8																					
enumeration	9																					
source	<code><xs:element name="TitleI" type="trex:TitleIType" minOccurs="0"/></code>																					


element **SpecialProgramsType/SpecialEd**

diagram										
type	trex:ParticipationType									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
source	<code><xs:element name="SpecialEd" type="trex:ParticipationType" minOccurs="0"/></code>									


element **SpecialProgramsType/IEP**

diagram										
type	trex:ParticipationType									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
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enumeration	1									
source	<code><xs:element name="IEP" type="trex:ParticipationType" minOccurs="0"/></code>									

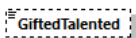
element **SpecialProgramsType/Bilingual**

diagram																						
type	trex:BilingualType																					
properties	minOcc 0 maxOcc 1 content simple																					
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>4</td> <td></td> </tr> <tr> <td>enumeration</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5	
Kind	Value	Annotation																				
enumeration	0																					
enumeration	1																					
enumeration	2																					
enumeration	3																					
enumeration	4																					
enumeration	5																					
source	<code><xs:element name="Bilingual" type="trex:BilingualType" minOccurs="0"/></code>																					

element **SpecialProgramsType/ESL**

diagram																
type	trex:ESLType															
properties	minOcc 0 maxOcc 1 content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3	
Kind	Value	Annotation														
enumeration	0															
enumeration	1															
enumeration	2															
enumeration	3															
source	<code><xs:element name="ESL" type="trex:ESLType" minOccurs="0"/></code>															

element **SpecialProgramsType/GiftedTalented**

diagram													
type	trex:GiftedTalentedType												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2	
Kind	Value	Annotation											
enumeration	0												
enumeration	1												
enumeration	2												
source	<code><xs:element name="GiftedTalented" type="trex:GiftedTalentedType" minOccurs="0"/></code>												

element **SpecialProgramsType/CTE**

diagram	
type	trex:CareerTechEdType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1 enumeration 2 enumeration 3
source	<code><xs:element name="CTE" type="trex:CareerTechEdType" minOccurs="0"/></code>

element **SpecialProgramsType/PersonalGradPlan**


diagram	
type	trex:ParticipationType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1
source	<code><xs:element name="PersonalGradPlan" type="trex:ParticipationType" minOccurs="0"/></code>

complexType **StudentDemographicType**


diagram	
namespace	urn:us:tx:state:tea:TREx:v1.20

children	Gender Race Ethnicity BirthDate HomeLanguage StudentLanguage HomeLanguageSurveyDateAdministered Migrant Homeless Dyslexia MilitaryConnected FosterCare AsyleeRefugeeCode
used by	element StudentRecordType/StudentDemographic
source	<pre> <xs:complexType name="StudentDemographicType"> <xs:sequence> <xs:element name="Gender" type="trex:GenderType"/> <xs:element name="Race" type="trex:RaceType" minOccurs="0"/> <xs:element name="Ethnicity" type="trex:EthnicityType" minOccurs="0"/> <xs:element name="BirthDate" type="trex:YMDType"/> <xs:element name="HomeLanguage" type="trex:LanguageType" minOccurs="0"/> <xs:element name="StudentLanguage" type="trex:LanguageType" minOccurs="0"/> <xs:element name="HomeLanguageSurveyDateAdministered" type="trex:YMDType" minOccurs="0"/> <xs:element name="Migrant" type="trex:ParticipationType" minOccurs="0"/> <xs:element name="Homeless" type="trex:HomelessType" minOccurs="0"/> <xs:element name="Dyslexia" type="trex:ParticipationType" minOccurs="0"/> <xs:element name="MilitaryConnected" type="trex:MilitaryConnectedType" minOccurs="0"/> <xs:element name="FosterCare" type="trex:FosterCareType" minOccurs="0"/> <xs:element name="AsyleeRefugeeCode" type="trex:AsyleeRefugeeCodeType" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

element [StudentDemographicType/Gender](#)

diagram										
type	trex:GenderType									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>F</td> <td></td> </tr> <tr> <td>enumeration</td> <td>M</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	F		enumeration	M	
Kind	Value	Annotation								
enumeration	F									
enumeration	M									
source	<pre><xs:element name="Gender" type="trex:GenderType"/></pre>									

element [StudentDemographicType/Race](#)

diagram																
type	trex:RaceType															
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple									
minOcc	0															
maxOcc	1															
content	simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>4</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4	
Kind	Value	Annotation														
enumeration	1															
enumeration	2															
enumeration	3															
enumeration	4															

	enumeration 5
source	<code><xs:element name="Race" type="trex:RaceType" minOccurs="0"/></code>

element **StudentDemographicType/Ethnicity**

diagram	
type	trex:EthnicityType
properties	minOcc 0 maxOcc 1 content complex
children	AmericanIndianAlaskaNativeCode AsianCode BlackAfricanAmericanCode HispanicLatinoCode NativeHawaiianPacificIslanderCode WhiteCode
source	<code><xs:element name="Ethnicity" type="trex:EthnicityType" minOccurs="0"/></code>

element **StudentDemographicType/BirthDate**

diagram							
type	trex:YMDType						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[0-9]{4}-[01]?[0-9]-[0123]?[0-9]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[0-9]{4}-[01]?[0-9]-[0123]?[0-9]	
Kind	Value	Annotation					
pattern	[0-9]{4}-[01]?[0-9]-[0123]?[0-9]						
source	<code><xs:element name="BirthDate" type="trex:YMDType"/></code>						

element **StudentDemographicType/HomeLanguage**

diagram																
type	trex:LanguageType															
properties	minOcc 0 maxOcc 1 content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>01</td> <td></td> </tr> <tr> <td>enumeration</td> <td>02</td> <td></td> </tr> <tr> <td>enumeration</td> <td>03</td> <td></td> </tr> <tr> <td>enumeration</td> <td>04</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	01		enumeration	02		enumeration	03		enumeration	04	
Kind	Value	Annotation														
enumeration	01															
enumeration	02															
enumeration	03															
enumeration	04															

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enumeration	06
enumeration	07
enumeration	08
enumeration	09
enumeration	98
enumeration	99
enumeration	1A
enumeration	1B
enumeration	1C
enumeration	1D
enumeration	1E
enumeration	1F
enumeration	1G
enumeration	1H
enumeration	1I
enumeration	1J
enumeration	1K
enumeration	1L
enumeration	1M
enumeration	1N
enumeration	1O
enumeration	1P
enumeration	1Q
enumeration	1R
enumeration	1S
enumeration	1T
enumeration	1U
enumeration	1V
enumeration	1W
enumeration	1X
enumeration	1Y
enumeration	1Z
enumeration	2A
enumeration	2B
enumeration	2C
enumeration	2D
enumeration	2E
enumeration	2F
enumeration	2G
enumeration	2H
enumeration	2I
enumeration	2J
enumeration	2K
enumeration	2L
enumeration	2M
enumeration	2N

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enumeration	2O
enumeration	2P
enumeration	2Q
enumeration	2R
enumeration	2S
enumeration	2T
enumeration	2U
enumeration	2V
enumeration	2W
enumeration	2X
enumeration	2Y
enumeration	2Z
enumeration	3A
enumeration	3B
enumeration	3C
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enumeration	3E
enumeration	3F
enumeration	3G
enumeration	3H
enumeration	3I
enumeration	3J
enumeration	3K
enumeration	3L
enumeration	3M
enumeration	3N
enumeration	3O
enumeration	3P
enumeration	3Q
enumeration	3R
enumeration	3S
enumeration	3T
enumeration	3U
enumeration	3V
enumeration	3W
enumeration	3X
enumeration	3Y
enumeration	3Z
enumeration	4A
enumeration	4B
enumeration	4C
enumeration	4D
enumeration	4E
enumeration	4F
enumeration	4G
enumeration	4H


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enumeration	4I
enumeration	4J
enumeration	4K
enumeration	4L
enumeration	4M
enumeration	4N
enumeration	4O
enumeration	4P
enumeration	4Q
enumeration	4R
enumeration	4S
enumeration	4T
enumeration	4U
enumeration	4V
enumeration	4W
enumeration	4X
enumeration	4Y
enumeration	4Z
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enumeration	5R
enumeration	5S
enumeration	5T
enumeration	5U
enumeration	5V
enumeration	5W
enumeration	5X
enumeration	5Y
enumeration	5Z
enumeration	6A

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source	<code><xs:element name="HomeLanguage" type="trex:LanguageType" minOccurs="0"/></code>
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element StudentDemographicType/StudentLanguage

diagram			
type	trex:LanguageType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
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	enumeration	02	
	enumeration	03	
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	enumeration	1P	
	enumeration	1Q	
	enumeration	1R	
	enumeration	1S	
	enumeration	1T	
	enumeration	1U	
	enumeration	1V	
	enumeration	1W	
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	enumeration	1Y	

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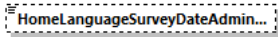
enumeration	1Z
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enumeration	2B
enumeration	2C
enumeration	2D
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enumeration	2F
enumeration	2G
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enumeration	3J
enumeration	3K
enumeration	3L
enumeration	3M
enumeration	3N
enumeration	3O
enumeration	3P
enumeration	3Q
enumeration	3R
enumeration	3S

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enumeration	3T
enumeration	3U
enumeration	3V
enumeration	3W
enumeration	3X
enumeration	3Y
enumeration	3Z
enumeration	4A
enumeration	4B
enumeration	4C
enumeration	4D
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enumeration	5D
enumeration	5E
enumeration	5F
enumeration	5G
enumeration	5H
enumeration	5I
enumeration	5J
enumeration	5K
enumeration	5L
enumeration	5M

	enumeration 5N enumeration 5O enumeration 5P enumeration 5Q enumeration 5R enumeration 5S enumeration 5T enumeration 5U enumeration 5V enumeration 5W enumeration 5X enumeration 5Y enumeration 5Z enumeration 6A
source	<code><xs:element name="StudentLanguage" type="trex:LanguageType" minOccurs="0"/></code>


element **StudentDemographicType/HomeLanguageSurveyDateAdministered**

diagram	
type	trex:YMDType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern [0-9]{4}-[01]?[0-9]-[0123]?[0-9]
source	<code><xs:element name="HomeLanguageSurveyDateAdministered" type="trex:YMDType" minOccurs="0"/></code>

element **StudentDemographicType/Migrant**

diagram	
type	trex:ParticipationType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1
source	<code><xs:element name="Migrant" type="trex:ParticipationType" minOccurs="0"/></code>


element **StudentDemographicType/Homeless**

diagram	
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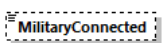
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type	trex:HomelessType																					
properties	minOcc 0 maxOcc 1 content simple																					
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>4</td> <td></td> </tr> <tr> <td>enumeration</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5	
Kind	Value	Annotation																				
enumeration	0																					
enumeration	1																					
enumeration	2																					
enumeration	3																					
enumeration	4																					
enumeration	5																					
source	<code><xs:element name="Homeless" type="trex:HomelessType" minOccurs="0"/></code>																					

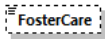
element **StudentDemographicType/Dyslexia**

diagram										
type	trex:ParticipationType									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
source	<code><xs:element name="Dyslexia" type="trex:ParticipationType" minOccurs="0"/></code>									


element **StudentDemographicType/MilitaryConnected**

diagram																									
type	trex:MilitaryConnectedType																								
properties	minOcc 0 maxOcc 1 content simple																								
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>4</td> <td></td> </tr> <tr> <td>enumeration</td> <td>5</td> <td></td> </tr> <tr> <td>enumeration</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5		enumeration	6	
Kind	Value	Annotation																							
enumeration	0																								
enumeration	1																								
enumeration	2																								
enumeration	3																								
enumeration	4																								
enumeration	5																								
enumeration	6																								
source	<code><xs:element name="MilitaryConnected" type="trex:MilitaryConnectedType" minOccurs="0"/></code>																								

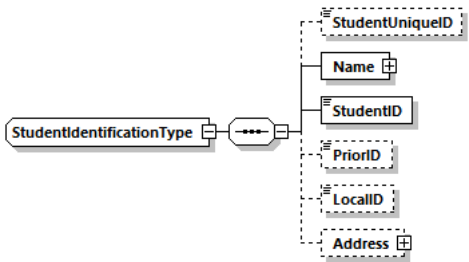
element **StudentDemographicType/FosterCare**

diagram	
type	trex:FosterCareType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1 enumeration 2
source	<code><xs:element name="FosterCare" type="trex:FosterCareType" minOccurs="0"/></code>

element **StudentDemographicType/AsyleeRefugeeCode**

diagram	
type	trex:AsyleeRefugeeCodeType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1 enumeration 2
source	<code><xs:element name="AsyleeRefugeeCode" type="trex:AsyleeRefugeeCodeType" minOccurs="0"/></code>

complexType **StudentIdentificationType**

diagram	
namespace	urn:us:tx:state:tea:TRExv1.20
children	StudentUniqueID Name StudentID PriorID LocalID Address
used by	element StudentRecordType/StudentIdentification
source	<code><xs:complexType name="StudentIdentificationType"> <xs:sequence> <xs:element name="StudentUniqueID" type="trex:StudentUniqueIDType" minOccurs="0"/> <xs:element name="Name" type="trex:PersonNameType"/> <xs:element name="StudentID" type="trex:StudentIDType"/></code>

	<pre> <xs:element name="PriorID" type="trex:PriorIDType" minOccurs="0"/> <xs:element name="LocalID" type="trex:LocalIDType" minOccurs="0"/> <xs:element name="Address" type="trex:AddressType" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>
--	--

element **StudentIdentificationType/StudentUniqueID**

diagram	
type	trex:StudentUniqueIDType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern [0-9]{10}
source	<pre><xs:element name="StudentUniqueID" type="trex:StudentUniqueIDType" minOccurs="0"/></pre>


element **StudentIdentificationType/Name**

diagram	
type	trex:PersonNameType
properties	content complex
children	FirstName MiddleName LastName Suffix
source	<pre><xs:element name="Name" type="trex:PersonNameType"/></pre>


element **StudentIdentificationType/StudentID**

diagram	
type	trex:StudentIDType
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 64
source	<pre><xs:element name="StudentID" type="trex:StudentIDType"/></pre>

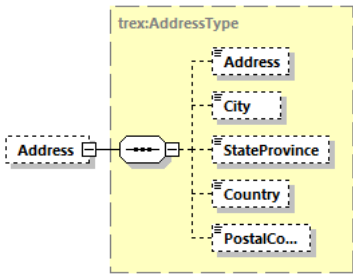
element **StudentIdentificationType/PriorID**

diagram	
type	trex:PriorIDType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 9
source	<code><xs:element name="PriorID" type="trex:PriorIDType" minOccurs="0"/></code>

element **StudentIdentificationType/LocalID**

diagram	
type	trex:LocalIDType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 9
source	<code><xs:element name="LocalID" type="trex:LocalIDType" minOccurs="0"/></code>

element **StudentIdentificationType/Address**

diagram	
type	trex:AddressType
properties	minOcc 0 maxOcc 1 content complex
children	Address City StateProvince Country PostalCode
source	<code><xs:element name="Address" type="trex:AddressType" minOccurs="0"/></code>

complexType **StudentRecordsType**

diagram	
---------	---

namespace	urn:us:tx:state:tea:TREx:v1.20
children	TReXStudentRecord
used by	element TReXStudentRecords
source	<pre><xs:complexType name="StudentRecordsType"> <xs:sequence> <xs:element name="TReXStudentRecord" type="trex:StudentRecordType" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType></pre>

element **StudentRecordsType/TReXStudentRecord**

diagram	
type	trex:StudentRecordType
properties	minOcc 1 maxOcc unbounded content complex
children	StudentIdentification Parent StudentDemographic School Enrollment SpecialPrograms Assessment Attendance Immunization DisciplineAction AcademicStatus CurrentCoursework AcademicSession AcademicSummary
source	<pre><xs:element name="TReXStudentRecord" type="trex:StudentRecordType" maxOccurs="unbounded"/></pre>

complexType **StudentRecordType**

<p>diagram</p>	
<p>namespace</p>	<p>urn:us:tx:state:tea:TRExv1.20</p>
<p>children</p>	<p>StudentIdentification Parent StudentDemographic School Enrollment SpecialPrograms Assessment Attendance Immunization DisciplineAction AcademicStatus CurrentCoursework AcademicSession AcademicSummary</p>
<p>used by</p>	<p>element StudentRecordsType/TRExStudentRecord</p>
<p>source</p>	<pre><xs:complexType name="StudentRecordType"> <xs:sequence> <xs:element name="StudentIdentification" type="trex:StudentIdentificationType"/> <xs:element name="Parent" type="trex:ParentType" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="StudentDemographic" type="trex:StudentDemographicType"/> <xs:element name="School" type="trex:SchoolType"/> <xs:element name="Enrollment" type="trex:EnrollmentType"/> <xs:element name="SpecialPrograms" type="trex:SpecialProgramsType"/> <xs:element name="Assessment" type="trex:AssessmentType" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="Attendance" type="trex:AttendanceType" minOccurs="0"/> <xs:element name="Immunization" type="trex:ImmunizationType" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="DisciplineAction" type="trex:DisciplineActionType" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="AcademicStatus" type="trex:AcademicStatusType" minOccurs="0"/> <xs:element name="CurrentCoursework" type="trex:CurrentCourseworkType" minOccurs="0"/> <xs:element name="AcademicSession" type="trex:AcademicSessionType" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType></pre>

	<pre> <xs:element name="AcademicSummary" type="trex:AcademicSummaryType" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>
--	--

element **StudentRecordType/StudentIdentification**

diagram	
type	trex:StudentIdentificationType
properties	content complex
children	StudentUniqueID Name StudentID PriorID LocalID Address
source	<pre><xs:element name="StudentIdentification" type="trex:StudentIdentificationType"/></pre>

element **StudentRecordType/Parent**

diagram	
type	trex:ParentType
properties	minOcc 0 maxOcc unbounded content complex
children	Name
source	<pre><xs:element name="Parent" type="trex:ParentType" minOccurs="0" maxOccurs="unbounded"/></pre>

element **StudentRecordType/StudentDemographic**

diagram	
type	trex:StudentDemographicType
properties	content complex
children	Gender Race Ethnicity BirthDate HomeLanguage StudentLanguage HomeLanguageSurveyDateAdministered Migrant Homeless Dyslexia MilitaryConnected FosterCare AsyleeRefugeeCode
source	<code><xs:element name="StudentDemographic" type="trex:StudentDemographicType"/></code>

element **StudentRecordType/School**

diagram	
type	trex:SchoolType
properties	content complex
children	SchoolID SchoolName DistrictID DistrictName Address PhoneNumber Fax
source	<code><xs:element name="School" type="trex:SchoolType"/></code>

element **StudentRecordType/Enrollment**

diagram	
type	trex:EnrollmentType
properties	content complex
children	GradeLevel EntryDate ExitDate WithdrawDate WithdrawReason GradePlaced GradePromoted GradeRetained
source	<code><xs:element name="Enrollment" type="trex:EnrollmentType"/></code>

element **StudentRecordType/SpecialPrograms**

diagram	
type	trex:SpecialProgramsType
properties	content complex
children	LEP AlternativeLanguage DualLanguageImmersion EconomicDisadvantaged AtRisk Title SpecialEd IEP Bilingual ESL GiftedTalented CTE PersonalGradPlan
source	<code><xs:element name="SpecialPrograms" type="trex:SpecialProgramsType"/></code>

element **StudentRecordType/Assessment**

diagram	
type	trex:AssessmentType
properties	minOcc 0 maxOcc unbounded content complex
children	TestName AdditionalTestName TestLevel TestDate ExitRequirementMetDate TestScore TestCode PerformanceLevel AssessmentSubTest
source	<code><xs:element name="Assessment" type="trex:AssessmentType" minOccurs="0" maxOccurs="unbounded"/></code>

element **StudentRecordType/Attendance**

diagram	
type	trex:AttendanceType
properties	minOcc 0 maxOcc 1 content complex
children	DaysAttended DaysAbsent
source	<code><xs:element name="Attendance" type="trex:AttendanceType" minOccurs="0"/></code>

element **StudentRecordType/Immunization**

diagram	
type	trex:ImmunizationType
properties	minOcc 0 maxOcc unbounded content complex
children	ImmunizationCode ImmunizationDate ImmunizationDose
source	<code><xs:element name="Immunization" type="trex:ImmunizationType" minOccurs="0" maxOccurs="unbounded"/></code>

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type	trex:ImmunizationType
properties	minOcc 0 maxOcc unbounded content complex
children	ImmunizationCode ImmunizationDate ImmunizationDose
source	<code><xs:element name="Immunization" type="trex:ImmunizationType" minOccurs="0" maxOccurs="unbounded"/></code>

element **StudentRecordType/DisciplineAction**

diagram	<pre> classDiagram class DisciplineAction { 0..∞ } class trexDisciplineActionType { DisciplineActionDate DisciplineActionNum DisciplineActionCode DisciplineActionReas... } DisciplineAction "0..∞" -- "1" trexDisciplineActionType </pre>
type	trex:DisciplineActionType
properties	minOcc 0 maxOcc unbounded content complex
children	DisciplineActionDate DisciplineActionNum DisciplineActionCode DisciplineActionReason
source	<code><xs:element name="DisciplineAction" type="trex:DisciplineActionType" minOccurs="0" maxOccurs="unbounded"/></code>

element **StudentRecordType/AcademicStatus**

<p>diagram</p>	
<p>type</p>	<p>trex:AcademicStatusType</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>GraduationDate SpeechMetDate GraduationDiplomaType CertificateDate TexasGrant DistinguishedAchievements FHSPParticipationCode FHSPDistingIndicatorCode STEMEndorsementCode BusinessEndorsementCode PublicServicesEndorsementCode ArtsEndorsementCode MultiStudiesEndorsementCode DualCreditType BilingBilitType CollegeAssessType AplbType CertLicType IGCGradReview FHSPCollegeCareerInstructionIndicator AssociateDegree OnRamps Section504 POIIMetDate CPRMetDate StarOfTexas</p>
<p>source</p>	<pre><xs:element name="AcademicStatus" type="trex:AcademicStatusType" minOccurs="0"/></pre>

element **StudentRecordType/CurrentCoursework**

diagram	
type	trex:CurrentCourseworkType
properties	minOcc 0 maxOcc 1 content complex
children	Course SchoolYear GradeLevel SessionType
source	<code><xs:element name="CurrentCoursework" type="trex:CurrentCourseworkType" minOccurs="0"/></code>

element **StudentRecordType/AcademicSession**

diagram	
type	trex:AcademicSessionType
properties	minOcc 0 maxOcc unbounded content complex
children	SchoolYear GradeLevel SessionType Course AcademicSummary
source	<code><xs:element name="AcademicSession" type="trex:AcademicSessionType" minOccurs="0" maxOccurs="unbounded"/></code>

element **StudentRecordType/AcademicSummary**

diagram	
type	trex:AcademicSummaryType
properties	minOcc 0 maxOcc 1 content complex
children	GPA ClassTotalNumber ClassRank ClassRankingDate Quartile CollegeCampusCode
source	<code><xs:element name="AcademicSummary" type="trex:AcademicSummaryType" minOccurs="0"/></code>

simpleType **AbbreviationType**

namespace	urn:us:tx:state:tea:TReX:v1.20									
type	restriction of xs:token									
properties	base xs:token									
used by	element CourseType/Abbreviation									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>100</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	100	
Kind	Value	Annotation								
minLength	1									
maxLength	100									
source	<pre><xs:simpleType name="AbbreviationType"> <xs:restriction base="xs:token"> <xs:minLength value="1"/> <xs:maxLength value="100"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **AdditionalTestNameType**

namespace	urn:us:tx:state:tea:TReX:v1.20									
type	restriction of xs:token									
properties	base xs:token									
used by	element AssessmentType/AdditionalTestName									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>60</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	60	
Kind	Value	Annotation								
minLength	1									
maxLength	60									
source	<code><xs:simpleType name="AdditionalTestNameType"></code>									

	<pre><xs:restriction base="xs:token"> <xs:minLength value="1"/> <xs:maxLength value="60"/> </xs:restriction> </xs:simpleType></pre>
--	---

simpleType **AddressStringType**

namespace	urn:us:tx:state:tea:TREx:v1.20									
type	restriction of xs:token									
properties	base xs:token									
used by	element AddressType/Address									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>50</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	50	
Kind	Value	Annotation								
minLength	1									
maxLength	50									
source	<pre><xs:simpleType name="AddressStringType"> <xs:restriction base="xs:token"> <xs:minLength value="1"/> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **AdvancedMeasureType**

namespace	urn:us:tx:state:tea:TREx:v1.20																					
type	restriction of xs:token																					
properties	base xs:token																					
used by	element DistinguishedAchievementType/AdvancedMeasure																					
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>A</td> <td></td> </tr> <tr> <td>enumeration</td> <td>B</td> <td></td> </tr> <tr> <td>enumeration</td> <td>C</td> <td></td> </tr> <tr> <td>enumeration</td> <td>D</td> <td></td> </tr> <tr> <td>enumeration</td> <td>E</td> <td></td> </tr> <tr> <td>enumeration</td> <td>F</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	A		enumeration	B		enumeration	C		enumeration	D		enumeration	E		enumeration	F	
Kind	Value	Annotation																				
enumeration	A																					
enumeration	B																					
enumeration	C																					
enumeration	D																					
enumeration	E																					
enumeration	F																					
source	<pre><xs:simpleType name="AdvancedMeasureType"> <xs:restriction base="xs:token"> <xs:enumeration value="A"/> <xs:enumeration value="B"/> <xs:enumeration value="C"/> <xs:enumeration value="D"/> <xs:enumeration value="E"/> <xs:enumeration value="F"/> <!-- Original research/project --> <!-- AP score 3 or above --> <!-- B score 4 or above. --> </xs:restriction> </xs:simpleType></pre>																					

	<pre> <!-- Qualifying PSAT score --> <!-- College course - 3.0 or higher --> <!-- Articulated course - 3.0 or higher --> </xs:restriction> </xs:simpleType> </pre>
--	--

simpleType **AlternativeLanguageType**

namespace	urn:us:tx:state:tea:TRExv1.20												
type	restriction of xs:token												
properties	base xs:token												
used by	element SpecialProgramsType/AlternativeLanguage												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>00</td> <td></td> </tr> <tr> <td>enumeration</td> <td>01</td> <td></td> </tr> <tr> <td>enumeration</td> <td>02</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00		enumeration	01		enumeration	02	
Kind	Value	Annotation											
enumeration	00												
enumeration	01												
enumeration	02												
source	<pre> <xs:simpleType name="AlternativeLanguageType"> <xs:restriction base="xs:token"> <xs:enumeration value="00"/> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <!-- Student does not participate in the alternative language program --> <!-- Alternative Bilingual Language Program --> <!-- Alternative ESL Language Program --> </xs:restriction> </xs:simpleType> </pre>												

simpleType **AsyleeRefugeeCodeType**

namespace	urn:us:tx:state:tea:TRExv1.20												
type	restriction of xs:token												
properties	base xs:token												
used by	element StudentDemographicType/AsyleeRefugeeCode												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2	
Kind	Value	Annotation											
enumeration	0												
enumeration	1												
enumeration	2												
source	<pre> <xs:simpleType name="AsyleeRefugeeCodeType"> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <!-- Not applicable to this student --> <!-- Asylee --> <!-- Refugee --> </xs:restriction> </pre>												

	<code></xs:simpleType></code>
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simpleType **BilingualType**

namespace	urn:us:tx:state:tea:TREx:v1.20																					
type	restriction of xs:token																					
properties	base xs:token																					
used by	element SpecialProgramsType/Bilingual																					
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>4</td> <td></td> </tr> <tr> <td>enumeration</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5	
Kind	Value	Annotation																				
enumeration	0																					
enumeration	1																					
enumeration	2																					
enumeration	3																					
enumeration	4																					
enumeration	5																					
source	<pre> <xs:simpleType name="BilingualType"> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> <xs:enumeration value="5"/> <!-- Not receiving services. --> <!-- Participant in program or service. --> <!-- Transitional bilingual/early exit. --> <!-- Transitional bilingual/late exit. --> <!-- Dual language immersion/two-way. --> <!-- Dual language immersion/one-way. --> </xs:restriction> </xs:simpleType> </pre>																					

simpleType **CareerTechEdType**

namespace	urn:us:tx:state:tea:TREx:v1.20															
type	restriction of xs:token															
properties	base xs:token															
used by	element SpecialProgramsType/CTE															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3	
Kind	Value	Annotation														
enumeration	0															
enumeration	1															
enumeration	2															
enumeration	3															
source	<pre> <xs:simpleType name="CareerTechEdType"> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> </pre>															

	<pre> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <!-- Not enrolled in a CTE course --> <!-- Enrolled in a CTE course --> <!-- Participant in a coherent sequence of courses --> <!-- Participant in Tech Prep program --> </xs:restriction> </xs:simpleType> </pre>
--	--

simpleType **CityType**

namespace	urn:us:tx:state:tea:TREx:v1.20									
type	restriction of xs:token									
properties	base xs:token									
used by	element AddressType/City									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
source	<pre> <xs:simpleType name="CityType"> <xs:restriction base="xs:token"> <xs:minLength value="1"/> <xs:maxLength value="30"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType **ClassPeriodType**

namespace	urn:us:tx:state:tea:TREx:v1.20									
type	restriction of xs:token									
properties	base xs:token									
used by	element CourseType/ClassPeriod									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
source	<pre> <xs:simpleType name="ClassPeriodType"> <xs:restriction base="xs:token"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType **ClassRankType**

namespace	urn:us:tx:state:tea:TREx:v1.20
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type	restriction of xs:integer						
properties	base xs:integer						
used by	element AcademicSummaryType/ClassRank						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	5	
Kind	Value	Annotation					
totalDigits	5						
source	<pre><xs:simpleType name="ClassRankType"> <xs:restriction base="xs:integer"> <xs:totalDigits value="5"/> </xs:restriction> </xs:simpleType></pre>						

simpleType **ClassTotalNumberType**

namespace	urn:us:tx:state:tea:TREx:v1.20						
type	restriction of xs:integer						
properties	base xs:integer						
used by	element AcademicSummaryType/ClassTotalNumber						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	5	
Kind	Value	Annotation					
totalDigits	5						
source	<pre><xs:simpleType name="ClassTotalNumberType"> <xs:restriction base="xs:integer"> <xs:totalDigits value="5"/> </xs:restriction> </xs:simpleType></pre>						

simpleType **CollegeCampusCodeType**

namespace	urn:us:tx:state:tea:TREx:v1.20						
type	restriction of xs:token						
properties	base xs:token						
used by	element AcademicSummaryType/CollegeCampusCode						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>([0-9]{6})</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	([0-9]{6})	
Kind	Value	Annotation					
pattern	([0-9]{6})						
source	<pre><xs:simpleType name="CollegeCampusCodeType"> <xs:restriction base="xs:token"> <xs:pattern value="([0-9]{6})"/> </xs:restriction> </xs:simpleType></pre>						

simpleType **CountryType**

namespace	urn:us:tx:state:tea:TREx:v1.20
type	restriction of xs:token

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Appendix C – TReX XSD Graphical Representation

properties	base xs:token		
used by	element AddressType/Country		
facets	Kind	Value	Annotation
	enumeration	US	
	enumeration	AD	
	enumeration	AE	
	enumeration	AF	
	enumeration	AG	
	enumeration	AI	
	enumeration	AL	
	enumeration	AM	
	enumeration	AN	
	enumeration	AO	
	enumeration	AQ	
	enumeration	AR	
	enumeration	AS	
	enumeration	AT	
	enumeration	AU	
	enumeration	AW	
	enumeration	AX	
	enumeration	AZ	
	enumeration	BA	
	enumeration	BB	
	enumeration	BD	
	enumeration	BE	
	enumeration	BF	
	enumeration	BG	
	enumeration	BH	
	enumeration	BI	
	enumeration	BJ	
	enumeration	BM	
	enumeration	BN	
	enumeration	BO	
	enumeration	BR	
	enumeration	BS	
	enumeration	BT	
	enumeration	BV	
	enumeration	BW	
	enumeration	BY	
	enumeration	BZ	
	enumeration	CA	
	enumeration	CC	
	enumeration	CD	
	enumeration	CF	
	enumeration	CG	

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enumeration	CH
enumeration	CI
enumeration	CK
enumeration	CL
enumeration	CM
enumeration	CN
enumeration	CO
enumeration	CR
enumeration	CS
enumeration	CU
enumeration	CV
enumeration	CX
enumeration	CY
enumeration	CZ
enumeration	DE
enumeration	DJ
enumeration	DK
enumeration	DM
enumeration	DO
enumeration	DZ
enumeration	EC
enumeration	EE
enumeration	EG
enumeration	EH
enumeration	ER
enumeration	ES
enumeration	ET
enumeration	FI
enumeration	FJ
enumeration	FK
enumeration	FM
enumeration	FO
enumeration	FR
enumeration	GA
enumeration	GB
enumeration	GD
enumeration	GE
enumeration	GF
enumeration	GH
enumeration	GI
enumeration	GL
enumeration	GM
enumeration	GN
enumeration	GP
enumeration	GQ
enumeration	GR

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enumeration	GS
enumeration	GT
enumeration	GU
enumeration	GW
enumeration	GY
enumeration	HK
enumeration	HM
enumeration	HN
enumeration	HR
enumeration	HT
enumeration	HU
enumeration	ID
enumeration	IE
enumeration	IL
enumeration	IN
enumeration	IO
enumeration	IQ
enumeration	IR
enumeration	IS
enumeration	IT
enumeration	JM
enumeration	JO
enumeration	JP
enumeration	KE
enumeration	KG
enumeration	KH
enumeration	KI
enumeration	KM
enumeration	KN
enumeration	KP
enumeration	KR
enumeration	KW
enumeration	KY
enumeration	KZ
enumeration	LA
enumeration	LB
enumeration	LC
enumeration	LI
enumeration	LK
enumeration	LR
enumeration	LS
enumeration	LT
enumeration	LU
enumeration	LV
enumeration	LY
enumeration	MA

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enumeration	MC
enumeration	MD
enumeration	MG
enumeration	MH
enumeration	MK
enumeration	ML
enumeration	MM
enumeration	MN
enumeration	MO
enumeration	MP
enumeration	MQ
enumeration	MR
enumeration	MS
enumeration	MT
enumeration	MU
enumeration	MV
enumeration	MW
enumeration	MX
enumeration	MY
enumeration	MZ
enumeration	NA
enumeration	NC
enumeration	NE
enumeration	NF
enumeration	NG
enumeration	NI
enumeration	NL
enumeration	NO
enumeration	NP
enumeration	NR
enumeration	NU
enumeration	NZ
enumeration	OM
enumeration	PA
enumeration	PE
enumeration	PF
enumeration	PG
enumeration	PH
enumeration	PK
enumeration	PL
enumeration	PM
enumeration	PN
enumeration	PR
enumeration	PS
enumeration	PT
enumeration	PW

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enumeration	PY
enumeration	QA
enumeration	RE
enumeration	RO
enumeration	RU
enumeration	RW
enumeration	SA
enumeration	SB
enumeration	SC
enumeration	SD
enumeration	SE
enumeration	SG
enumeration	SH
enumeration	SI
enumeration	SJ
enumeration	SK
enumeration	SL
enumeration	SM
enumeration	SN
enumeration	SO
enumeration	SR
enumeration	ST
enumeration	SV
enumeration	SY
enumeration	SZ
enumeration	TC
enumeration	TD
enumeration	TF
enumeration	TG
enumeration	TH
enumeration	TJ
enumeration	TK
enumeration	TL
enumeration	TM
enumeration	TN
enumeration	TO
enumeration	TR
enumeration	TT
enumeration	TV
enumeration	TW
enumeration	TZ
enumeration	UA
enumeration	UG
enumeration	UM
enumeration	UY
enumeration	UZ

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Appendix C – TReX XSD Graphical Representation

	enumeration VA enumeration VC enumeration VE enumeration VG enumeration VI enumeration VN enumeration VU enumeration WF enumeration WS enumeration YE enumeration YT enumeration ZA enumeration ZM enumeration ZW
source	<pre> <xs:simpleType name="CountryType"> <xs:restriction base="xs:token"> <xs:enumeration value="US"/> <xs:enumeration value="AD"/> <xs:enumeration value="AE"/> <xs:enumeration value="AF"/> <xs:enumeration value="AG"/> <xs:enumeration value="AI"/> <xs:enumeration value="AL"/> <xs:enumeration value="AM"/> <xs:enumeration value="AN"/> <xs:enumeration value="AO"/> <xs:enumeration value="AQ"/> <xs:enumeration value="AR"/> <xs:enumeration value="AS"/> <xs:enumeration value="AT"/> <xs:enumeration value="AU"/> <xs:enumeration value="AW"/> <xs:enumeration value="AX"/> <xs:enumeration value="AZ"/> <xs:enumeration value="BA"/> <xs:enumeration value="BB"/> <xs:enumeration value="BD"/> <xs:enumeration value="BE"/> <xs:enumeration value="BF"/> <xs:enumeration value="BG"/> <xs:enumeration value="BH"/> <xs:enumeration value="BI"/> <xs:enumeration value="BJ"/> <xs:enumeration value="BM"/> <xs:enumeration value="BN"/> <xs:enumeration value="BO"/> <xs:enumeration value="BR"/> <xs:enumeration value="BS"/> <xs:enumeration value="BT"/> <xs:enumeration value="BV"/> <xs:enumeration value="BW"/> <xs:enumeration value="BY"/> </pre>

```
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<xs:enumeration value="CC"/>  
<xs:enumeration value="CD"/>  
<xs:enumeration value="CF"/>  
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<xs:enumeration value="GQ"/>  
<xs:enumeration value="GR"/>  
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<xs:enumeration value="MR"/>
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<xs:enumeration value="SL"/>  
<xs:enumeration value="SM"/>  
<xs:enumeration value="SN"/>  
<xs:enumeration value="SO"/>  
<xs:enumeration value="SR"/>
```

```
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<xs:enumeration value="TD"/>
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<xs:enumeration value="VE"/>
<xs:enumeration value="VG"/>
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<xs:enumeration value="YE"/>
<xs:enumeration value="YT"/>
<xs:enumeration value="ZA"/>
<xs:enumeration value="ZM"/>
<xs:enumeration value="ZW"/>
<!-- United States -->
<!-- Andorra -->
<!-- United Arab Emirates -->
<!-- Afghanistan -->
<!-- Antigua And Barbuda -->
<!-- Anguilla -->
<!-- Albania -->
<!-- Armenia -->
<!-- Netherlands Antilles -->
<!-- Angola -->
<!-- Antarctica -->
<!-- Argentina -->
<!-- American Samoa -->
<!-- Austria -->
<!-- Australia -->
<!-- Aruba -->
```

```
<!-- Aland Islands -->  
<!-- Azerbaijan -->  
<!-- Bosnia And Herzegovina -->  
<!-- Barbados -->  
<!-- Bangladesh -->  
<!-- Belgium -->  
<!-- Burkina Faso -->  
<!-- Bulgaria -->  
<!-- Bahrain -->  
<!-- Burundi -->  
<!-- Benin -->  
<!-- Bermuda -->  
<!-- Brunei Darussalam -->  
<!-- Bolivia -->  
<!-- Brazil -->  
<!-- Bahamas -->  
<!-- Bhutan -->  
<!-- Bouvet Island -->  
<!-- Botswana -->  
<!-- Belarus -->  
<!-- Belize -->  
<!-- Canada -->  
<!-- Cocos (Keeling) Islands -->  
<!-- Congo -->  
<!-- Central African Republic -->  
<!-- Congo , The Democratic Republic Of The -->  
<!-- Switzerland -->  
<!-- Cote D'ivoire -->  
<!-- Cook Islands -->  
<!-- Chile -->  
<!-- Cameroon -->  
<!-- China -->  
<!-- Colombia -->  
<!-- Costa Rica -->  
<!-- Serbia And Montenegro -->  
<!-- Cuba -->  
<!-- Cape Verde -->  
<!-- Christmas Island -->  
<!-- Cyprus -->  
<!-- Czech Republic -->  
<!-- Germany -->  
<!-- Djibouti -->  
<!-- Denmark -->  
<!-- Dominica -->  
<!-- Dominican Republic -->  
<!-- Algeria -->  
<!-- Ecuador -->  
<!-- Estonia -->  
<!-- Egypt -->  
<!-- Western Sahara -->  
<!-- Eritrea -->  
<!-- Spain -->  
<!-- Ethiopia -->  
<!-- Finland -->  
<!-- Fiji -->
```

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```
<!-- Falkland Islands (Malvinas) -->  
<!-- Micronesia, Federated States Of -->  
<!-- Faroe Islands -->  
<!-- France -->  
<!-- Gabon -->  
<!-- United Kingdom -->  
<!-- Grenada -->  
<!-- Georgia -->  
<!-- French Guiana -->  
<!-- Ghana -->  
<!-- Gibraltar -->  
<!-- Greenland -->  
<!-- Gambia -->  
<!-- Guinea -->  
<!-- Guadeloupe -->  
<!-- Equatorial Guinea -->  
<!-- Greece -->  
<!-- South Georgia And The South Sandwich Islands -->  
<!-- Guatemala -->  
<!-- Guam -->  
<!-- Guinea - Bissau -->  
<!-- Guyana -->  
<!-- Hong Kong -->  
<!-- Heard Island and Mcdonald Islands -->  
<!-- Honduras -->  
<!-- Croatia -->  
<!-- Haiti -->  
<!-- Hungary -->  
<!-- Indonesia -->  
<!-- Ireland -->  
<!-- Israel -->  
<!-- India -->  
<!-- British Indian Ocean Territory -->  
<!-- Iraq -->  
<!-- Iran, Islamic Republic Of -->  
<!-- Iceland -->  
<!-- Italy -->  
<!-- Jamaica -->  
<!-- Jordan -->  
<!-- Japan -->  
<!-- Kenya -->  
<!-- Kyrgyzstan -->  
<!-- Cambodia -->  
<!-- Kiribati -->  
<!-- Comoros -->  
<!-- Saint Kitts And Nevis -->  
<!-- Korea, Democratic People's Republic Of -->  
<!-- Korea, Republic Of -->  
<!-- Kuwait -->  
<!-- Cayman Islands -->  
<!-- Kazakhstan -->  
<!-- Lao People's Democratic Republic -->  
<!-- Lebanon -->  
<!-- Saint Lucia -->  
<!-- Liechtenstein -->
```


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```
<!-- Sri Lanka -->
<!-- Liberia -->
<!-- Lesotho -->
<!-- Lithuania -->
<!-- Luxembourg -->
<!-- Latvia -->
<!-- Libyan Arab Jamahiriya -->
<!-- Morocco -->
<!-- Monaco -->
<!-- Moldova, Republic Of -->
<!-- Madagascar -->
<!-- Marshall Islands -->
<!-- Macedonia, The Former Yugoslav Republic Of -->
<!-- Mali -->
<!-- Myanmar -->
<!-- Mongolia -->
<!-- Macao -->
<!-- Northern Mariana Islands -->
<!-- Martinique -->
<!-- Mauritania -->
<!-- Montserrat -->
<!-- Malta -->
<!-- Mauritius -->
<!-- Maldives -->
<!-- Malawi -->
<!-- Mexico -->
<!-- Malaysia -->
<!-- Mozambique -->
<!-- Namibia -->
<!-- New Caledonia -->
<!-- Niger -->
<!-- Norfolk Island -->
<!-- Nigeria -->
<!-- Nicaragua -->
<!-- Netherlands -->
<!-- Norway -->
<!-- Nepal -->
<!-- Nauru -->
<!-- Niue -->
<!-- New Zealand -->
<!-- Oman -->
<!-- Panama -->
<!-- Peru -->
<!-- French Polynesia -->
<!-- Papua New Guinea -->
<!-- Philippines -->
<!-- Pakistan -->
<!-- Poland -->
<!-- Saint Pierre And Miquelon -->
<!-- Pitcairn -->
<!-- Puerto Rico -->
<!-- Palestinian Territory, Occupied -->
<!-- Portugal -->
<!-- Palau -->
<!-- Paraguay -->
```

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```
<!-- Qatar -->
<!-- Reunion -->
<!-- Romania -->
<!-- Russian Federation -->
<!-- Rwanda -->
<!-- Saudi Arabia -->
<!-- Solomon Islands -->
<!-- Seychelles -->
<!-- Sudan -->
<!-- Sweden -->
<!-- Singapore -->
<!-- Saint Helena -->
<!-- Slovenia -->
<!-- Svalbard And Jan Mayen -->
<!-- Slovakia -->
<!-- Sierra Leone -->
<!-- San Marino -->
<!-- Senegal -->
<!-- Somalia -->
<!-- Suriname -->
<!-- Sao Tome And Principe -->
<!-- El Salvador -->
<!-- Syrian Arab Republic -->
<!-- Swaziland -->
<!-- Turks And Caicos Islands -->
<!-- Chad -->
<!-- French Southern Territories -->
<!-- Togo -->
<!-- Thailand -->
<!-- Tajikistan -->
<!-- Tokelau -->
<!-- Timor - Leste -->
<!-- Turkmenistan -->
<!-- Tunisia -->
<!-- Tonga -->
<!-- Turkey -->
<!-- Trinidad And Tobago -->
<!-- Tuvalu -->
<!-- Taiwan, Province Of China -->
<!-- Tanzania, United Republic Of -->
<!-- Ukraine -->
<!-- Uganda -->
<!-- United States Minor Outlying Islands -->
<!-- Uruguay -->
<!-- Uzbekistan -->
<!-- Holy See (Vatican City State) -->
<!-- Saint Vincent And The Grenadines -->
<!-- Venezuela -->
<!-- Virgin Islands, British -->
<!-- Virgin Islands, U.S. -->
<!-- Viet Nam -->
<!-- Vanuatu -->
<!-- Wallis And Futuna -->
<!-- Samoa -->
<!-- Yemen -->
```

	<pre> <!-- Mayotte --> <!-- South Africa --> <!-- Zambia --> <!-- Zimbabwe --> </xs:restriction> </xs:simpleType> </pre>
--	--

simpleType **CourseCreditType**

namespace	urn:us:tx:state:tea:TReX:v1.20									
type	restriction of xs:decimal									
properties	base xs:decimal									
used by	element CourseType/CourseCredit									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>2</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	2		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	2									
fractionDigits	1									
source	<pre> <xs:simpleType name="CourseCreditType"> <xs:restriction base="xs:decimal"> <xs:totalDigits value="2"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType **CourseExplanationType**

namespace	urn:us:tx:state:tea:TReX:v1.20																																																
type	restriction of xs:token																																																
properties	base xs:token																																																
used by	element CourseType/Explanation																																																
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>A</td><td></td></tr> <tr><td>enumeration</td><td>C</td><td></td></tr> <tr><td>enumeration</td><td>D</td><td></td></tr> <tr><td>enumeration</td><td>E</td><td></td></tr> <tr><td>enumeration</td><td>G</td><td></td></tr> <tr><td>enumeration</td><td>H</td><td></td></tr> <tr><td>enumeration</td><td>I</td><td></td></tr> <tr><td>enumeration</td><td>J</td><td></td></tr> <tr><td>enumeration</td><td>K</td><td></td></tr> <tr><td>enumeration</td><td>L</td><td></td></tr> <tr><td>enumeration</td><td>M</td><td></td></tr> <tr><td>enumeration</td><td>P</td><td></td></tr> <tr><td>enumeration</td><td>Q</td><td></td></tr> <tr><td>enumeration</td><td>R</td><td></td></tr> <tr><td>enumeration</td><td>T</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	A		enumeration	C		enumeration	D		enumeration	E		enumeration	G		enumeration	H		enumeration	I		enumeration	J		enumeration	K		enumeration	L		enumeration	M		enumeration	P		enumeration	Q		enumeration	R		enumeration	T	
Kind	Value	Annotation																																															
enumeration	A																																																
enumeration	C																																																
enumeration	D																																																
enumeration	E																																																
enumeration	G																																																
enumeration	H																																																
enumeration	I																																																
enumeration	J																																																
enumeration	K																																																
enumeration	L																																																
enumeration	M																																																
enumeration	P																																																
enumeration	Q																																																
enumeration	R																																																
enumeration	T																																																

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	enumeration V
	enumeration X
	enumeration Z
	enumeration 1
	enumeration 2
	enumeration 3
	enumeration 4
	enumeration 5
	enumeration 7
	enumeration 8
	enumeration 9
	enumeration 10

source	<pre> <xs:simpleType name="CourseExplanationType"> <xs:restriction base="xs:token"> <xs:enumeration value="A"/> <xs:enumeration value="C"/> <xs:enumeration value="D"/> <xs:enumeration value="E"/> <xs:enumeration value="G"/> <xs:enumeration value="H"/> <xs:enumeration value="I"/> <xs:enumeration value="J"/> <xs:enumeration value="K"/> <xs:enumeration value="L"/> <xs:enumeration value="M"/> <xs:enumeration value="P"/> <xs:enumeration value="Q"/> <xs:enumeration value="R"/> <xs:enumeration value="T"/> <xs:enumeration value="V"/> <xs:enumeration value="X"/> <xs:enumeration value="Z"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> <xs:enumeration value="5"/> <xs:enumeration value="7"/> <xs:enumeration value="8"/> <xs:enumeration value="9"/> <xs:enumeration value="10"/> <!-- A high school course for which college credit will be awarded by a college under the conditions of a local articulation agreement or the statewide Advanced Technical Credit Program agreement. Colleges agreeing to award credit under the conditions of a local agreement or under a Tech Prep program agreement must be named. --> <!-- A course taken by correspondence from an approved institution of higher education (19 TAC 74.23). --> <!-- A college course for taken dual credit (19 TAC 74.25). --> <!-- A course for which credit is awarded by examination in an academic subject in which the student has had no prior instruction (Credit by Exam) (TAC §74.24(c)(1)). --> </pre>
--------	--

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Appendix C – TReX XSD Graphical Representation

```
<!-- A gifted/talented course. -->
<!-- An honors course. (Note: This refers to locally-approved honors courses.)
-->
<!-- An International Baccalaureate course. -->
<!-- A high school course completed prior to grade 9 (19 TAC 74.26). -->
<!-- A pre-International Baccalaureate course. -->
<!-- A local-credit course taken for local credit only. (Note: Local credit
is not counted toward state graduation requirements unless the course is required
by an ARD Committee for students receiving special education services who entered
grade nine prior to the 2011-2012 school year.). -->
<!-- A magnet course. -->
<!-- A College Board Advanced Placement (AP) course. -->
<!-- A pre-Advanced Placement course -->
<!-- A course completed in summer school, night school, or other instructional
arrangement outside the regular school year and/or day. -->
<!-- A course for which credit is awarded by examination in an academic
subject in which the student has had some prior formal instruction (TAC
§74.24(c)(3)). -->
<!-- A state-approved course in which content as described by the TEKS has
been modified as a result of an ARD Committee decision. This code is used only for
students receiving special education services to indicate modifications in TEKS
course content. -->
<!-- An innovative course approved for state graduation elective credit by the
State Board of Education or the Commissioner of Education (19 TAC 74.27). -->
<!-- A course taken by distance learning including but not limited to the
Texas Virtual School Network (TXVSN) television instruction, electronic
transmission, or satellite broadcast (19 TAC 74.23) -->
<!-- A course for which a physical education credit or waiver is awarded
through a substitution allowed by 19 TAC 74. -->
<!-- A course that is part of a coherent sequence of career and technical
education (CTE) courses (19 TAC 74.3(b)(2)(G)). -->
<!-- A course for which credit is awarded based on the district's evaluation
of the student's records from a school that operates outside the Texas public or
charter school system (i.e., home schools, private schools, out of state schools,
etc.) (TAC 74.26(A)(2)) -->
<!-- A Career & Technical Education course that satisfies a specific
graduation requirement as allowed by 19 TAC 74. -->
<!-- Course Grade Average or Final Grade Average includes STAAR EOC results --
>
<!-- A TEKS-based course that includes 100 minutes of moderate to vigorous
physical activity per five-day school week taken to satisfy the physical education
requirement on the Foundation High School Program (19 TAC 74.12(b)(6)(B)). -->
<!-- A course other than a languages other than English (LOTE) course taken to
satisfy the LOTE requirement on the Foundation High School Program (19 TAC
74.12(b)(5)(B) or (D)). -->
<!-- A course taken by a student with written permission from the student's
parent/guardian to satisfy the fourth science requirement for the arts and
humanities endorsement on the Foundation High School Program (19 TAC
74.13(e)(5)(EE)). -->
<!-- A course taken as a part of a Foundation High School Program endorsement.
-->
</xs:restriction>
</xs:simpleType>
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simpleType **CourseGradeType**

namespace	urn:us:tx:state:tea:TREx:v1.20									
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used by	elements CourseType/CourseGrade CourseType/FinalGradeAverage CourseType/GradeAverage									
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maxLength	10									
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simpleType **CourseIDType**

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used by	element CourseType/CourseID									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>64</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	64	
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maxLength	64									
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simpleType **CourseTeacherType**

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used by	element CourseType/CourseTeacher									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>40</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	40	
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maxLength	40									
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simpleType **CourseTitleType**

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used by	element CourseType/CourseTitle									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>100</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	100	
Kind	Value	Annotation								
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simpleType **DaysType**

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used by	elements AttendanceType/DaysAbsent AttendanceType/DaysAttended									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>4</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	4		fractionDigits	1	
Kind	Value	Annotation								
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fractionDigits	1									
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simpleType **DisciplineActionCodeType**

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facets	Kind	Value	Annotation
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<!-- Expulsion (TEC 37.007) without placement in another educational setting
as a result of a formal expulsion hearing [TEC 37.009(f)]. (This code does not
apply if a student continues to receive educational services during the term of
expulsion.) -->
<!-- Expulsion (TEC 37.007) with placement in a juvenile justice alternative
education program (JJAEP) as a result of a formal expulsion hearing [TEC
37.009(f)]. -->
<!-- Expulsion (TEC 37.007) with placement in an on-campus disciplinary
alternative education program (DAEP) as a result of a formal expulsion hearing
[TEC 37.009(f)]. (Do not use this code when a student has been placed in a DAEP,
but not expelled.) -->
<!-- Expulsion (TEC 37.007) with placement in an off-campus DAEP as a result
of a formal expulsion hearing [TEC 37.009(f)]. (Do not use this code when a
student has been placed in a DAEP, but not expelled.) -->
<!-- Out-of-school suspension (Suspension may not exceed three days under TEC
37.005.) -->
<!-- In-school suspension (For students eligible for special education and
related services, this includes any setting that has not been addressed by an
admission, review, and dismissal committee within the placement determination of
the student's current IEP.) (Suspension may not exceed three days under TEC
37.005.) -->
<!-- Placement in an on-campus or off-campus DAEP (TEC 37.008) as a result of
a conference [TEC 37.009(a)], rather than a formal hearing as required for
expulsion. -->
<!-- Continuation of other district's DAEP placement -->
<!-- Continuation of other district's expulsion order -->
<!-- Continuation of the district's DAEP placement from the prior school year
-->
<!-- Continuation of the district's expulsion order from the prior school year
-->
<!-- Continuation of the district's expulsion with placement to JJAEP from the
prior school year -->
<!-- Placement in a JJAEP by Court order -->
<!-- Placement in a DAEP by Court order -->
<!-- Continuation of other district's expulsion with placement to JJAEP -->
<!-- Partial day Out-of-School Suspension -->
<!-- Partial day In-School Suspension -->
<!-- Mandatory disciplinary action not taken by district as a result of ARD
```

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	<pre> committee manifestation hearing determination, made in accordance with IDEA for a student receiving special education services, that the student's behavior is linked to the student's disability. --> <!-- Mandatory disciplinary action not taken - (TEC 37.001(a)(4) - The mandatory disciplinary action was not taken because the district's Student Code of Conduct includes one or more of the TEC, 37.001(a)(4) provisions that allows the district to consider self defense, intent or lack of intent, student's disciplinary history, or disability that substantially impairs the student's capacity to appreciate the wrongfulness of the student's conduct as a factor in a decision to order suspension, removal to a disciplinary alternative education program, or expulsion. --> <!-- Expulsion without placement in another educational setting as a result of a determination by a special education hearing officer (not a hearing officer employed or appointed by the district) --> <!-- Expulsion with placement to a JJAEP as a result of a determination by a special education hearing officer (not a hearing officer employed or appointed by the district) --> <!-- Expulsion with placement to an on-campus DAEP as a result of a determination by a special education hearing officer --> <!-- Expulsion with placement to an off-campus DAEP as a result of a determination by a special education hearing officer --> <!-- Placement in an alternative education program established under TEC, 37.008 as a result of a determination by a special education hearing officer --> <!-- Continuation of other district's DAEP placement as a result by a special education determination of a hearing officer --> <!-- Continuation of other district's expulsion order as a result by a special education determination of a hearing officer --> <!-- Continuation of the district's DAEP placement from the prior school year as a result of a determination by a special education hearing officer --> <!-- Continuation of the district's expulsion order from the prior school year as a result of a determination by a special education hearing officer --> <!-- Continuation of the district's expulsion with placement to JJAEP from the prior school year as a result of a determination by a special education hearing officer --> <!-- Placement in a JJAEP as a result of a determination by a special education hearing officer --> <!-- Continuation of other district's expulsion with placement to JJAEP as a result of a determination by a special education hearing officer --> </xs:restriction> </xs:simpleType> </pre>
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simpleType DisciplineActionNumType

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properties	base xs:integer						
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simpleType **DisciplineActionReasonType**

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	enumeration	29	
	enumeration	30	
	enumeration	31	
	enumeration	32	
	enumeration	33	documentation Deprecated
	enumeration	34	documentation Deprecated
	enumeration	35	
	enumeration	36	
	enumeration	37	

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	<p>enumeration 41</p> <p>enumeration 46</p> <p>enumeration 47</p> <p>enumeration 48</p> <p>enumeration 49</p> <p>enumeration 50 documentation Deprecated</p> <p>enumeration 51</p> <p>enumeration 52</p> <p>enumeration 53</p> <p>enumeration 54</p> <p>enumeration 55</p> <p>enumeration 56</p> <p>enumeration 57</p> <p>enumeration 58</p> <p>enumeration 59</p> <p>enumeration 60</p> <p>enumeration 61</p>
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</xs:annotation>
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2019-2020 school year -->
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  <!-- Deleted from PEIMS in 2019-2020, valid for TReX for records prior to
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  <xs:annotation>
    <xs:documentation>Deprecated</xs:documentation>
  </xs:annotation>
  <!-- Used, exhibited, or possessed a non-illegal knife as defined by student
code of conduct and as allowed under TEC 37.007. (Knife blade equal to or less
than 5.5 inches.) -->
</xs:enumeration>
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<!-- Permanent Removal by a Teacher from Class (Teacher has removed the
student from classroom and denied the student the right to return. TEC 37.003 has
been invoked.) -->
<!-- Conduct punishable as a felony - TEC 37.006(a)(2)(A) -->
<!-- Possessed, sold, used, or was under the influence of marihuana or other
controlled substance TEC 37.006(a)(2)(C) and 37.007(b) -->
<!-- Possessed, sold, used, or was under the influence of an alcoholic
beverage -->
<!-- Abuse of a volatile chemical - TEC 37.006(a)(2)(E) -->
<!-- Public lewdness or indecent exposure - TEC 37.006(a)(2)(F) -->
<!-- Retaliation against school employee - TEC 37.006(b) and 37.007(d) -->
<!-- Based on conduct occurring off campus and while the student is not in
attendance at a school-sponsored or school-related activity for felony offenses in
Title 5, Penal Code - TEC 37.006(c), TEC 37.007(b)(4), and TEC 37.0081. -->
<!-- Based on conduct occurring off campus and while the student is not in
attendance at a school-sponsored or school-related activity for felony offenses
not in Title 5, Penal Code -->
```

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```
<!-- Brought a Firearm to School - TEC 37.007(e) or Unlawful Carrying of a
Handgun under Penal Code 46.02 - TEC 37.007(a)(1) -->
<!-- Unlawful Carrying of a Location-Restricted Knife under Penal Code 46.02 -
TEC 37.007(a)(1) (Illegal knife - blade longer than 5.5 inches) -->
<!-- Unlawful Carrying of a Club under Penal Code 46.02 - TEC 37.007(a)(1) -->
<!-- Conduct Containing the Elements of an Offense Relating to Prohibited
Weapons Under Penal Code 46.05 - TEC 37.007(a)(1) -->
<!-- Arson - TEC 37.007(a)(2)(B) -->
<!-- Murder, capital murder, criminal attempt to commit murder, or capital
murder - -->
<!-- Indecency with a child - TEC 37.007(a)(2)(D) -->
<!-- Aggravated kidnapping - TEC 37.007(a)(2)(E) -->
<!-- Serious or persistent misconduct violating the student code of conduct
while placed in a disciplinary alternative education program - TEC 37.007(c) -->
<!-- Violation of student code of conduct not included under TEC 37.002(b),
37.006 or 37.007 -->
<!-- Criminal mischief - TEC 37.007(f) -->
<!-- Emergency Placement/expulsion - TEC 37.019 -->
<!-- Terroristic threat - TEC 37.006(a)(1) and TEC 37.007(b) -->
<!-- Assault under Penal Code 22.01(a)(1) against a school district employee
or volunteer - -->
<!-- Assault under Penal Code 22.01(a)(1) against someone other than a school
district employee or volunteer - TEC 37.006(a)(2)(B) -->
<!-- Aggravated assault under Penal Code 22.02 against a school district
employee or volunteer-TEC 37.007(d) -->
<!-- Aggravated assault under Penal Code 22.02 against someone other than a
school district employee or volunteer - TEC 37.007 (a)(2)(A) -->
<!-- Sexual assault under Penal Code 22.011 or aggravated sexual assault under
Penal Code 22.021 against a school district employee or volunteer - TEC 37.007(d)
-->
<!-- Sexual assault under Penal Code 22.011 or aggravated sexual assault under
Penal Code 22.021 against someone other than a school district employee or
volunteer - -->
<!-- False alarm/false report - TEC 37.006(a)(1) and 37.007(b) -->
<!-- Felony controlled substance violation - TEC 37.007(a)(3) -->
<!-- Felony alcohol violation - TEC 37.007(a)(3) -->
<!-- Fighting/Mutual Combat - Excludes all offenses under Penal Code 22.01 -->
<!-- Aggravated robbery - TEC 37.007(a)(2)(F), TEC 37.006 (C)-(D) -->
<!-- Manslaughter - TEC 37.007(a)(2)(G) -->
<!-- Criminally negligent homicide TEC 37.007(a)(2)(H) -->
<!-- Engages in deadly conduct - TEC 37.007(b)(3) -->
<!-- Firearm (Off Campus 300 ft. Zone) Used, exhibited or possessed a firearm
specified in TEC 37.007(a)(1)(A) [as defined by 18 USC Section 921 or Penal Code
46.01(3)] off-campus but within 300 feet of school property as specified in TEC
37.007(b)(3). -->
<!-- Illegal Knife, Club, or Prohibited Weapon (Off Campus 300 ft. Zone) Used,
exhibited or possessed an illegal knife, club, or prohibited weapon specified in
TEC 37.007(a)(1)(B-D) off campus but within 300 feet of school property as
specified in TEC 37.007(b)(3). -->
<!-- Serious Offense Conduct (Off Campus 300 ft. Zone) Engaged in conduct that
contains the elements of the offenses specified by TEC 37.007(a)(2)(A-H) occurring
off-campus but within 300 feet of school property. This includes criminal conduct
specified in TEC 37.007(b)(3) of aggravated assault, sexual assault, aggravated
sexual assault, arson, murder, capital murder, criminal attempted murder or
capital murder, indecency with a child, aggravated kidnapping, aggravated robbery,
```

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	<pre> manslaughter, or criminally negligent homicide. --> <!-- Felony Marihuana, Controlled Substance, Dangerous Drug, or Alcoholic Beverage (Off Campus 300 ft. Zone) Engages in conduct punishable as a felony as specified by TEC 37.006(a)(2)(C) or (D) of selling, giving, or delivering to another person, or the possession, or use, or being under the influence of: marihuana, a controlled substance, a dangerous drug, or alcoholic beverage; or committing a serious offense while under the influence of alcohol, off-campus but within 300 feet of school property. --> <!-- Student is required to register as a sex offender under Chapter 62 of the Code of Criminal Procedure and is under court supervision - TEC 37.304. The offense(s) for which the student is required to register as a sex offender must have occurred on or after Sept. 1, 2007. --> <!-- Student is required to register as a sex offender under Chapter 62 of the Code of Criminal Procedure and is not under court supervision - TEC 37.305. The offense(s) for which the student is required to register as a sex offender must have occurred on or after Sept. 1, 2007. --> <!-- Continuous sexual abuse of young child or children under Penal Code 21.02, occurring on school property or while attending a school-sponsored or school-related activity on or off school property - TEC 37.007(a)(2)(I). --> <!-- Breach of Computer Security - TEC 37.007 (a) (5) --> <!-- Serious Misbehavior, as defined by TEC 37.007(c), while expelled to/placed in a DAEP --> <!-- Harassment Against an Employee of the School District under Texas Penal Code 42.07(a)(1), (2), (3), or (7) - TEC 37.006(a)(2)(G) --> <!-- Bullying - TEC 37.0052(b) --> </xs:restriction> </xs:simpleType> </pre>
--	--

simpleType DistrictIDType

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properties	base xs:token						
used by	element SchoolType/DistrictID						
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Kind	Value	Annotation					
pattern	([0-9]{6})						
source	<pre> <xs:simpleType name="DistrictIDType"> <xs:restriction base="xs:token"> <xs:pattern value="([0-9]{6})"/> </xs:restriction> </xs:simpleType> </pre>						

simpleType DistrictNameType

namespace	urn:us:tx:state:tea:TRExv1.20
type	restriction of xs:token
properties	base xs:token
used by	element SchoolType/DistrictName

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>34</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	34	
Kind	Value	Annotation								
minLength	1									
maxLength	34									
source	<pre><xs:simpleType name="DistrictNameType"> <xs:restriction base="xs:token"> <xs:minLength value="1"/> <xs:maxLength value="34"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **DualLanguageImmersionLanguageCode**

namespace	urn:us:tx:state:tea:TREx:v1.20																																																			
type	restriction of xs:token																																																			
properties	base xs:token																																																			
used by	element DualLanguageImmersionType/ImmersionLanguage																																																			
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>02</td><td></td></tr> <tr><td>enumeration</td><td>03</td><td></td></tr> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>05</td><td></td></tr> <tr><td>enumeration</td><td>06</td><td></td></tr> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>14</td><td></td></tr> <tr><td>enumeration</td><td>15</td><td></td></tr> <tr><td>enumeration</td><td>16</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	08		enumeration	09		enumeration	10		enumeration	11		enumeration	12		enumeration	13		enumeration	14		enumeration	15		enumeration	16	
Kind	Value	Annotation																																																		
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source	<pre><xs:simpleType name="DualLanguageImmersionLanguageCode"> <xs:restriction base="xs:token"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="05"/> <xs:enumeration value="06"/> <xs:enumeration value="07"/> <xs:enumeration value="08"/> <xs:enumeration value="09"/> <xs:enumeration value="10"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> </xs:restriction> </xs:simpleType></pre>																																																			

	<pre> <xs:enumeration value="13"/> <xs:enumeration value="14"/> <xs:enumeration value="15"/> <xs:enumeration value="16"/> <!-- American Sign Language --> <!-- Arabic --> <!-- Chinese --> <!-- French --> <!-- German --> <!-- Hindi --> <!-- Italian --> <!-- Japanese --> <!-- Korean --> <!-- Latin --> <!-- Portuguese --> <!-- Russian --> <!-- Spanish --> <!-- Turkish --> <!-- Urdu --> <!-- Vietnamese --> </xs:restriction> </xs:simpleType> </pre>
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simpleType **DualLanguageImmersionYearCode**

namespace	urn:us:tx:state:tea:TREx:v1.20																					
type	restriction of xs:token																					
properties	base xs:token																					
used by	element DualLanguageImmersionType/ImmersionYear																					
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>00</td> <td></td> </tr> <tr> <td>enumeration</td> <td>01</td> <td></td> </tr> <tr> <td>enumeration</td> <td>02</td> <td></td> </tr> <tr> <td>enumeration</td> <td>03</td> <td></td> </tr> <tr> <td>enumeration</td> <td>04</td> <td></td> </tr> <tr> <td>enumeration</td> <td>05</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00		enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05	
Kind	Value	Annotation																				
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enumeration	01																					
enumeration	02																					
enumeration	03																					
enumeration	04																					
enumeration	05																					
source	<pre> <xs:simpleType name="DualLanguageImmersionYearCode"> <xs:restriction base="xs:token"> <xs:enumeration value="00"/> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="05"/> <!-- Not in a Dual Language Immersion Program --> <!-- First Year in a Dual Language Immersion Program --> <!-- Second Year in a Dual Language Immersion Program --> <!-- Third Year in a Dual Language Immersion Program --> <!-- Fourth Year in a Dual Language Immersion Program --> <!-- Fifth Year in a Dual Language Immersion Program --> </xs:restriction> </xs:simpleType> </pre>																					

	<pre> </xs:restriction> </xs:simpleType> </pre>
--	---

simpleType **EconomicDisadvantagedType**

namespace	urn:us:tx:state:tea:TREx:v1.20															
type	restriction of xs:token															
properties	base xs:token															
used by	element SpecialProgramsType/EconomicDisadvantaged															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>00</td> <td></td> </tr> <tr> <td>enumeration</td> <td>01</td> <td></td> </tr> <tr> <td>enumeration</td> <td>02</td> <td></td> </tr> <tr> <td>enumeration</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00		enumeration	01		enumeration	02		enumeration	99	
Kind	Value	Annotation														
enumeration	00															
enumeration	01															
enumeration	02															
enumeration	99															
source	<pre> <xs:simpleType name="EconomicDisadvantagedType"> <xs:restriction base="xs:token"> <xs:enumeration value="00"/> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="99"/> <!-- Not identified as economically disadvantaged. --> <!-- Eligible for free meals under the National School Lunch and Child Nutrition Program. --> <!-- Eligible for reduced-price meals under the National School Lunch and Child Nutrition Program. --> <!-- Other economic disadvantage --> </xs:restriction> </xs:simpleType> </pre>															

simpleType **ESLType**

namespace	urn:us:tx:state:tea:TREx:v1.20															
type	restriction of xs:token															
properties	base xs:token															
used by	element SpecialProgramsType/ESL															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3	
Kind	Value	Annotation														
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enumeration	1															
enumeration	2															
enumeration	3															
source	<pre> <xs:simpleType name="ESLType"> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> </xs:restriction> </xs:simpleType> </pre>															

```

<!-- Not receiving services, or condition or situation not applicable to this
person or campus. -->
<!-- Participant in program or service, or condition or situation applicable
to this person or campus. -->
<!-- English as a second language/content-based. -->
<!-- English as a second language/pull-out. -->
</xs:restriction>
</xs:simpleType>

```

simpleType **EthnicityYesNoType**

namespace	urn:us:tx:state:tea:TREx:v1.20									
type	restriction of xs:token									
properties	base xs:token									
used by	elements EthnicityType/AmericanIndianAlaskaNativeCode EthnicityType/AsianCode EthnicityType/BlackAfricanAmericanCode EthnicityType/HispanicLatinoCode EthnicityType/NativeHawaiianPacificIslanderCode EthnicityType/WhiteCode									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
source	<pre> <xs:simpleType name="EthnicityYesNoType"> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <!-- No, not part of this ethnicity --> <!-- Yes, part of this ethnicity --> </xs:restriction> </xs:simpleType> </pre>									

simpleType **FHSP**

namespace	urn:us:tx:state:tea:TREx:v1.20												
type	restriction of xs:token												
properties	base xs:token												
used by	elements AcademicStatusType/ArtsEndorsementCode AcademicStatusType/BusinessEndorsementCode AcademicStatusType/FHSPDistingIndicatorCode AcademicStatusType/FHSPParticipationCode AcademicStatusType/MultiStudiesEndorsementCode AcademicStatusType/PublicServicesEndorsementCode AcademicStatusType/STEMEndorsementCode												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2	
Kind	Value	Annotation											
enumeration	0												
enumeration	1												
enumeration	2												
source	<pre> <xs:simpleType name="FHSP"> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <!-- Student is not pursuing or participating --> </xs:restriction> </xs:simpleType> </pre>												

	<pre> <!-- Student is Pursuing --> <!-- Student has Completed --> </xs:restriction> </xs:simpleType> </pre>
--	---

simpleType **FirstNameType**

namespace	urn:us:tx:state:tea:TRExv1.20									
type	restriction of xs:token									
properties	base xs:token									
used by	element PersonNameType/FirstName									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
source	<pre> <xs:simpleType name="FirstNameType"> <xs:restriction base="xs:token"> <xs:minLength value="1"/> <xs:maxLength value="30"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType **FosterCareType**

namespace	urn:us:tx:state:tea:TRExv1.20												
type	restriction of xs:token												
properties	base xs:token												
used by	element StudentDemographicType/FosterCare												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2	
Kind	Value	Annotation											
enumeration	0												
enumeration	1												
enumeration	2												
source	<pre> <xs:simpleType name="FosterCareType"> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <!-- Student has never been in the conservatorship of the Dept. of Family and Protective Services. --> <!-- Student is currently in the conservatorship of the Department of Family and Protective Services. --> <!-- Pre-K student previously in the conservatorship of the DFPS following an adversary hearing. --> </xs:restriction> </xs:simpleType> </pre>												

simpleType **GenderType**

namespace	urn:us:tx:state:tea:TREx:v1.20									
type	restriction of xs:token									
properties	base xs:token									
used by	element StudentDemographicType/Gender									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>F</td> <td></td> </tr> <tr> <td>enumeration</td> <td>M</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	F		enumeration	M	
Kind	Value	Annotation								
enumeration	F									
enumeration	M									
source	<pre><xs:simpleType name="GenderType"> <xs:restriction base="xs:token"> <xs:enumeration value="F"/> <xs:enumeration value="M"/> <!-- Female --> <!-- Male --> </xs:restriction> </xs:simpleType></pre>									

simpleType **GiftedTalentedType**

namespace	urn:us:tx:state:tea:TREx:v1.20												
type	restriction of xs:token												
properties	base xs:token												
used by	element SpecialProgramsType/GiftedTalented												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2	
Kind	Value	Annotation											
enumeration	0												
enumeration	1												
enumeration	2												
source	<pre><xs:simpleType name="GiftedTalentedType"> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <!-- Not receiving services. --> <!-- Participant in program or service. --> <!-- Furloughed from Gifted and Talented program; student identified but not participating in GT program. --> </xs:restriction> </xs:simpleType></pre>												

simpleType **GPAType**

namespace	urn:us:tx:state:tea:TREx:v1.20
type	restriction of xs:token
properties	base xs:token

used by	element AcademicSummaryType/GPA									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
source	<pre><xs:simpleType name="GPAType"> <xs:restriction base="xs:token"> <xs:minLength value="1"/> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **GradeLevelType**

namespace	urn:us:tx:state:tea:TREx:v1.20																																																
type	restriction of xs:token																																																
properties	base xs:token																																																
used by	elements AcademicSessionType/GradeLevel CurrentCourseworkType/GradeLevel EnrollmentType/GradeLevel EnrollmentType/GradePlaced EnrollmentType/GradePromoted EnrollmentType/GradeRetained AssessmentType/TestLevel																																																
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>EE</td><td></td></tr> <tr><td>enumeration</td><td>PK</td><td></td></tr> <tr><td>enumeration</td><td>KG</td><td></td></tr> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>02</td><td></td></tr> <tr><td>enumeration</td><td>03</td><td></td></tr> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>05</td><td></td></tr> <tr><td>enumeration</td><td>06</td><td></td></tr> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	EE		enumeration	PK		enumeration	KG		enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	08		enumeration	09		enumeration	10		enumeration	11		enumeration	12	
Kind	Value	Annotation																																															
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enumeration	PK																																																
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source	<pre><xs:simpleType name="GradeLevelType"> <xs:restriction base="xs:token"> <xs:enumeration value="EE"/> <xs:enumeration value="PK"/> <xs:enumeration value="KG"/> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="05"/> <xs:enumeration value="06"/> <xs:enumeration value="07"/> <xs:enumeration value="08"/> </xs:restriction> </xs:simpleType></pre>																																																

```

<xs:enumeration value="09"/>
<xs:enumeration value="10"/>
<xs:enumeration value="11"/>
<xs:enumeration value="12"/>
<!-- Early Education -->
<!-- Pre-Kindergarten -->
<!-- Kindergarten -->
<!-- Grade 1 -->
<!-- Grade 2 -->
<!-- Grade 3 -->
<!-- Grade 4 -->
<!-- Grade 5 -->
<!-- Grade 6 -->
<!-- Grade 7 -->
<!-- Grade 8 -->
<!-- Grade 9 -->
<!-- Grade 10 -->
<!-- Grade 11 -->
<!-- Grade 12 -->
</xs:restriction>
</xs:simpleType>

```

simpleType **GraduationDiplomaType**

namespace	urn:us:tx:state:tea:TReX:v1.20																																																												
type	restriction of xs:token																																																												
properties	base xs:token																																																												
used by	element AcademicStatusType/GraduationDiplomaType																																																												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>05</td><td></td></tr> <tr><td>enumeration</td><td>06</td><td></td></tr> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>15</td><td></td></tr> <tr><td>enumeration</td><td>17</td><td></td></tr> <tr><td>enumeration</td><td>18</td><td></td></tr> <tr><td>enumeration</td><td>19</td><td></td></tr> <tr><td>enumeration</td><td>20</td><td></td></tr> <tr><td>enumeration</td><td>21</td><td></td></tr> <tr><td>enumeration</td><td>22</td><td></td></tr> <tr><td>enumeration</td><td>23</td><td></td></tr> <tr><td>enumeration</td><td>24</td><td></td></tr> <tr><td>enumeration</td><td>25</td><td></td></tr> <tr><td>enumeration</td><td>26</td><td></td></tr> <tr><td>enumeration</td><td>27</td><td></td></tr> <tr><td>enumeration</td><td>28</td><td></td></tr> <tr><td>enumeration</td><td>29</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	13		enumeration	15		enumeration	17		enumeration	18		enumeration	19		enumeration	20		enumeration	21		enumeration	22		enumeration	23		enumeration	24		enumeration	25		enumeration	26		enumeration	27		enumeration	28		enumeration	29	
Kind	Value	Annotation																																																											
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enumeration	05																																																												
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enumeration	28																																																												
enumeration	29																																																												

2019-2020 TReX Version 4.8.2 Data Standards
Appendix C – TReX XSD Graphical Representation

	enumeration 30 enumeration 31 enumeration 32 enumeration 33 enumeration 34 enumeration 35 enumeration 54 enumeration 55 enumeration 56 enumeration 57
source	<pre> <xs:simpleType name="GraduationDiplomaTypeType"> <xs:restriction base="xs:token"> <xs:enumeration value="04"/> <xs:enumeration value="05"/> <xs:enumeration value="06"/> <xs:enumeration value="07"/> <xs:enumeration value="13"/> <xs:enumeration value="15"/> <xs:enumeration value="17"/> <xs:enumeration value="18"/> <xs:enumeration value="19"/> <xs:enumeration value="20"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="23"/> <xs:enumeration value="24"/> <xs:enumeration value="25"/> <xs:enumeration value="26"/> <xs:enumeration value="27"/> <xs:enumeration value="28"/> <xs:enumeration value="29"/> <xs:enumeration value="30"/> <xs:enumeration value="31"/> <xs:enumeration value="32"/> <xs:enumeration value="33"/> <xs:enumeration value="34"/> <xs:enumeration value="35"/> <xs:enumeration value="54"/> <xs:enumeration value="55"/> <xs:enumeration value="56"/> <xs:enumeration value="57"/> <!-- Completion of IEP and full-time employment with sufficient self-help skills to maintain employment without public school services - TAC 89.1070(c)(1), revised August 1, 2002. [26 Tex. Reg. 1837] --> <!-- Completion of IEP and demonstrated mastery of specific employability and self-help skills - TAC 89.1070(c)(2), revised August 1, 2002. [26 Tex. Reg. 1837] --> <!-- Completion of IEP and access to services, employment, or education outside of public education - TAC 89.1070(c)(3), revised August 1, 2002. [26 Tex. Reg. 1837] --> <!-- Completion of IEP and reached age 22 - TAC 89.1070(d), revised August 1, 2002. [26 Tex. Reg. 1837] --> </pre>

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Appendix C – TReX XSD Graphical Representation

```
<!-- Minimum High School Program - TAC Chapter 74, revised May, 1998; for all
students who entered grade 9 in 1998-99, 1999-00, and 2000-01 (including TAC
89.1070(b)(1) for students receiving special education services, revised August 1,
2002. [26 Tex. Reg. 1837]) -->
<!-- Recommended High School Program - TAC Chapter 74, revised May, 1998; for
students who entered grade 9 in 1998-99, 1999-00, and 2000-01 (including TAC
89.1070(b)(1) for students receiving special education services, revised August 1,
2002. [26 Tex. Reg. 1837]) -->
<!-- Distinguished Achievement Program - TAC Chapter 74, revised May, 1998;
for students who entered grade 9 in 1998-99, 1999-00, and 2000-01 (including TAC
89.1070(b)(1) for students receiving special education services, revised August 1,
2002. [26 Tex. Reg. 1837]) -->
<!-- Completion of minimum curriculum and credit requirements for graduation
applicable to students in general education and participated in the exit-level
assessment instrument identified in the IEP - Minimum High School Program - TAC
89.1070(b)(2), revised August 1, 2002. [26 Tex. Reg. 1837] (for students who
entered grade 9 in 1998-99 and thereafter) -->
<!-- Completion of minimum curriculum and credit requirements for graduation
applicable to students in general education and participated in the exit-level
assessment instrument identified in the IEP - Recommended High School Program -
TAC 89.1070(b)(1), revised August 1, 2002. [26 Tex. Reg. 1837] (for students who
entered grade 9 in 1998-99 and thereafter) -->
<!-- Completion of minimum curriculum and credit requirements for graduation
applicable to students in general education and participated in the exit-level
assessment instrument identified in the IEP - Distinguished Achievement Program -
TAC 89.1070(b)(1), revised August 1, 2002. [26 Tex. Reg. 1837] (for students who
entered grade 9 in 1998-99 and thereafter) -->
<!-- Minimum High School Program - TAC Chapter 74, revised June 2000; for
students who entered grade 9 in 2001-2002, 2002-2003, and 2003-2004 (including TAC
89.1070(b)(1) for students receiving special education services, revised August 1,
2002. [26 Tex. Reg. 1837]) -->
<!-- Recommended High School Program - TAC Chapter 74, revised June 2000; for
students who entered grade 9 in 2001-2002, 2002-2003, and 2003-2004 (including TAC
89.1070(b)(1) for students receiving special education services, revised August 1,
2002. [26 Tex. Reg. 1837]) -->
<!-- Distinguished Achievement Program - TAC Chapter 74, revised June 2000;
for students who entered grade 9 in 2001-2002, 2002-2003, and 2003-2004 (including
TAC 89.1070(b)(1) for students receiving special education services, revised
August 1, 2002. [26 Tex. Reg. 1837]) -->
<!-- Minimum High School Program - TAC Chapter 74, revised November 2003; for
students who entered grade 9 in 2004-2005 and thereafter (including TAC
89.1070(b)(1) for students receiving special education services, revised August 1,
2002.) -->
<!-- Recommended High School Program - TAC Chapter 74, revised November 2003;
for students who entered grade 9 in 2004-2005 and thereafter (including TAC
89.1070(b)(1) for students receiving special education services, revised August 1,
2002.) -->
<!-- Distinguished Achievement Program - TAC Chapter 74, revised November
2003; for students who entered grade 9 in 2004-2005 and thereafter (including TAC
89.1070(b)(1) for students receiving special education services, revised August 1,
2002.) -->
<!-- Minimum High School Program - TAC Chapter 74.62, revised September 1,
2005; including TAC 89.1070(b)(2) for students receiving special education
services, revised August 1, 2002. (For students who entered grade 9 in 2007-2008,
2008-2009, 2009-2010, 2010-2011, and 2011-2012) -->
```

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Appendix C – TReX XSD Graphical Representation

```

<!-- Recommended High School Program - TAC Chapter 74.63, revised September 1,
2005; including TAC 89.1070(b) (1) for students receiving special education
services, revised August 1, 2002. (For students who entered grade 9 in 2007-2008,
2008-2009, 2009-2010, 2010-2011, and 2011-2012) -->
<!-- Distinguished Achievement Program - TAC Chapter 74.64, revised September
1, 2005; including TAC 89.1070(b) (1) for students receiving special education
services, revised August 1, 2002. (For students who entered grade 9 in 2007-2008,
2008-2009, 2009-2010, 2010-2011, and 2011-2012) -->
<!-- Minimum High School Program - TAC Chapter 74.72, revised May 30, 2012;
including TAC 89.1070(b)(2) for students receiving special education services,
revised August 1, 2002. (For students who entered grade 9 in 2012-2013 and 2013-
2014) -->
<!-- Recommended High School Program - TAC Chapter 74.73, revised May 30,
2012; including TAC 89.1070(b) (1) for students receiving special education
services, revised August 1, 2002. (For students who entered grade 9 in 2012-2013
and 2013-2014) -->
<!-- Distinguished Achievement Program - TAC Chapter 74.74, revised May 30,
2012; including TAC 89.1070(b) (1) for students receiving special education
services, revised August 1, 2002. (For students who entered grade 9 in 2012-2013
and 2013-2014) -->
<!-- Foundation High School Program (Transitioning Students) - TAC Chapter
74.1022, revised December 16, 2013; including TAC 89.1070(b)(2) for students
receiving special education services, revised August 1, 2002. (For students who
are completing the fourth/final year of high school during the 2013-2014 school
year) -->
<!-- Foundation High School Program - TAC Chapter 74.1021, revised December
16, 2013, TAC 74.12; including TAC 89.1070(b)(1) for students receiving special
education services, revised August 1, 2002. (For students who entered grade 9 in
2014-2015 and thereafter or entered grade 9 prior to the 2014-2015 school year and
opted to graduate under the Foundation High School Program) -->
<!-- Completion of Minimum Curriculum And Credit Requirements for Graduation
Applicable To Students In General Education And Participated In The Exit-Level
Assessment Instrument Identified in The IEP-Foundation High School Program (TAC
89.1070(b)(1)) -->
<!-- Completion Of IEP And Full-Time Employment With Sufficient Self-Help
Skills To Maintain Employment Without Public School Services (TAC
89.1070(b)(2)(A)) -->
<!-- Completion Of IEP And Demonstrated Mastery Of Specific Employability And
Self-Help Skills That Do Not Require Public School Services TAC 89.1070(b)(2)(B) -
->
<!-- Completion Of IEP And Access To Services, Employment, Or Education
Outside Of Public Education (TAC 89.1070(b)(2)(C)) -->
<!-- Completion Of IEP And Reached Age 22 - Foundation (TAC 89.1070(b)(2)(D))
-->
</xs:restriction>
</xs:simpleType>

```

simpleType **HomelessType**

namespace	urn:us:tx:state:tea:TREXv1.20
type	restriction of xs:token
properties	base xs:token

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Appendix C – TReX XSD Graphical Representation

used by	element StudentDemographicType/Homeless																					
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>4</td> <td></td> </tr> <tr> <td>enumeration</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5	
Kind	Value	Annotation																				
enumeration	0																					
enumeration	1																					
enumeration	2																					
enumeration	3																					
enumeration	4																					
enumeration	5																					
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simpleType **IGCCodeType**

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type	restriction of xs:token									
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used by	element AcademicStatusType/IGCGradReview									
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enumeration	01									
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simpleType **ImmunizationCodeType**

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used by	element ImmunizationType/ImmunizationCode									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
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simpleType **ImmunizationDoseType**

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properties	base xs:integer						
used by	element ImmunizationType/ImmunizationDose						
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Kind	Value	Annotation					
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simpleType **LanguageType**

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properties	base xs:token																								
used by	elements StudentDemographicType/HomeLanguage StudentDemographicType/StudentLanguage																								
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enumeration	02																								
enumeration	03																								
enumeration	04																								
enumeration	06																								
enumeration	07																								
enumeration	08																								

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Appendix C – TReX XSD Graphical Representation

enumeration	09
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enumeration	99
enumeration	1A
enumeration	1B
enumeration	1C
enumeration	1D
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enumeration	2M
enumeration	2N
enumeration	2O
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enumeration	2Q

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Appendix C – TReX XSD Graphical Representation

enumeration	2R
enumeration	2S
enumeration	2T
enumeration	2U
enumeration	2V
enumeration	2W
enumeration	2X
enumeration	2Y
enumeration	2Z
enumeration	3A
enumeration	3B
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enumeration	4I
enumeration	4J
enumeration	4K

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Appendix C – TReX XSD Graphical Representation

	enumeration 4L enumeration 4M enumeration 4N enumeration 4O enumeration 4P enumeration 4Q enumeration 4R enumeration 4S enumeration 4T enumeration 4U enumeration 4V enumeration 4W enumeration 4X enumeration 4Y enumeration 4Z enumeration 5A enumeration 5B enumeration 5C enumeration 5D enumeration 5E enumeration 5F enumeration 5G enumeration 5H enumeration 5I enumeration 5J enumeration 5K enumeration 5L enumeration 5M enumeration 5N enumeration 5O enumeration 5P enumeration 5Q enumeration 5R enumeration 5S enumeration 5T enumeration 5U enumeration 5V enumeration 5W enumeration 5X enumeration 5Y enumeration 5Z enumeration 6A
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<!-- Vietnamese -->
<!-- Laotian (Lao) -->
<!-- Cambodian (Khmer) -->
<!-- Korean -->
<!-- Japanese -->
<!-- French -->
<!-- German -->
<!-- English -->
<!-- Other languages -->
<!-- Afrikaans (Taal) -->
<!-- Akan (Fante, Asante) -->
<!-- Albanian, Gheg (Kosovo/Macedonia) -->
<!-- Albanian, Tosk (Albania) -->
<!-- Algonquin -->
<!-- Amharic -->
<!-- Apache -->
<!-- Arabic -->
<!-- Armenian -->
<!-- Assyrian (Syriac, Aramaic) -->
<!-- Balinese -->
<!-- Bengali -->
<!-- Bosnian -->
<!-- Bulgarian -->
<!-- Burmese -->
<!-- Cantonese (Chinese) -->
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<!-- Chamorro -->  
<!-- Chaochow/Teochiu (Chinese) -->  
<!-- Cherokee -->  
<!-- Chippewa/Ojibawa/Ottawa -->  
<!-- Choctaw -->  
<!-- Comanche -->  
<!-- Coushatta -->  
<!-- Creek -->  
<!-- Croatian -->  
<!-- Crow -->  
<!-- Czech -->  
<!-- Danish -->  
<!-- Dard -->  
<!-- Dutch/Flemish -->  
<!-- Efik -->  
<!-- Eskimo -->  
<!-- Estonian -->  
<!-- Ethiopic -->  
<!-- Ewe -->  
<!-- Farsi (Persian) -->  
<!-- Finnish -->  
<!-- Fukien/Hokkien (Chinese) -->  
<!-- Gaelic (Irish) -->  
<!-- Gaelic (Scottish) -->  
<!-- Greek -->  
<!-- Gujarati -->  
<!-- Guyanese -->  
<!-- Hainanese (Chinese) -->  
<!-- Haitian-Creole -->  
<!-- Hakka (Chinese) -->  
<!-- Hausa -->  
<!-- Hebrew -->  
<!-- Hindi -->  
<!-- Hmong -->  
<!-- Hopi -->  
<!-- Hungarian -->  
<!-- Ibo/Igbo -->  
<!-- Icelandic -->  
<!-- Ilonggo (Hiligaynon) -->  
<!-- Indonesian -->  
<!-- Italian -->  
<!-- Kache (Kaje, Jju) -->  
<!-- Kannada (Kanarese) -->  
<!-- Kanuri -->  
<!-- Kashmiri -->  
<!-- Kickapoo -->  
<!-- Konkani -->  
<!-- Kpelle -->  
<!-- Krio -->  
<!-- Kurdish -->  
<!-- Kwa -->  
<!-- Latvian -->  
<!-- Lingala -->  
<!-- Lithuanian -->
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<!-- Lunda -->  
<!-- Luyia (Luhya) -->  
<!-- Macedonian -->  
<!-- Malay -->  
<!-- Malayalam -->  
<!-- Maltese -->  
<!-- Mandarin (Chinese) -->  
<!-- Mande -->  
<!-- Marathi -->  
<!-- Menominee -->  
<!-- Mien (Yao) -->  
<!-- Navajo -->  
<!-- Nepali -->  
<!-- Norwegian -->  
<!-- Okinawan -->  
<!-- Oneida -->  
<!-- Oriya -->  
<!-- Orri (Oring) -->  
<!-- Pampangan -->  
<!-- Panjabi (Punjabi) -->  
<!-- Pashto (Pushto) -->  
<!-- Pilipino (Tagalog) -->  
<!-- Pima -->  
<!-- Polish -->  
<!-- Portuguese -->  
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<!-- Russian -->  
<!-- Samoan -->  
<!-- Serbian -->  
<!-- Shanghai (Chinese) -->  
<!-- Shona -->  
<!-- Sikkimese -->  
<!-- Sindhi -->  
<!-- Sinhalese (Sri Lanka) -->  
<!-- Sioux (Dakota) -->  
<!-- Slavic -->  
<!-- Slovenian (Slovene) -->  
<!-- Somali -->  
<!-- Sotho -->  
<!-- Swahili -->  
<!-- Swedish -->  
<!-- Taiwanese/Formosan/Min Nan (Chinese) -->  
<!-- Tamil -->  
<!-- Telugu (Telegu) -->  
<!-- Thai -->  
<!-- Tibetan -->  
<!-- Tigrinya -->  
<!-- Tiwa -->  
<!-- Tuluau -->  
<!-- Turkish -->  
<!-- Ukrainian -->  
<!-- Urdu -->
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	<pre> <!-- Welsh --> <!-- Winnebago --> <!-- Yiddish --> <!-- Yombe --> <!-- Yoruba --> </xs:restriction> </xs:simpleType> </pre>
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simpleType **LEPType**

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properties	base xs:token																								
used by	element SpecialProgramsType/LEP																								
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>F</td> <td></td> </tr> <tr> <td>enumeration</td> <td>S</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>4</td> <td></td> </tr> <tr> <td>enumeration</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	F		enumeration	S		enumeration	3		enumeration	4		enumeration	5	
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enumeration	F																								
enumeration	S																								
enumeration	3																								
enumeration	4																								
enumeration	5																								
source	<pre> <xs:simpleType name="LEPType"> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="F"/> <xs:enumeration value="S"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> </xs:restriction> </xs:simpleType> </pre>																								

	<pre> <xs:enumeration value="5"/> <!-- Not LEP/English proficient (EP) --> <!-- Identified as LEP/English learner (EL) --> <!-- Student Reclassified from LEP/English learner (EL) Status - Monitored 1 (M1) --> <!-- Student Reclassified from LEP/English learner (EL) Status - Monitored 2 (M2) --> <!-- Student Reclassified from LEP/English learner (EL) Status - Monitored 3 (M3) --> <!-- Student Reclassified from LEP/English learner (EL) Status - Monitored 4 (M4) --> <!-- Former LEP/EL Student (effective after fourth year of monitoring) --> </xs:restriction> </xs:simpleType> </pre>
--	---

simpleType **LocalIDType**

namespace	urn:us:tx:state:tea:TRExv1.20									
type	restriction of xs:token									
properties	base xs:token									
used by	element StudentIdentificationType/LocalID									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation								
minLength	1									
maxLength	9									
source	<pre> <xs:simpleType name="LocalIDType"> <xs:restriction base="xs:token"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType **MiddleNameType**

namespace	urn:us:tx:state:tea:TRExv1.20									
type	restriction of xs:token									
properties	base xs:token									
used by	element PersonNameType/MiddleName									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
source	<pre> <xs:simpleType name="MiddleNameType"> <xs:restriction base="xs:token"> <xs:minLength value="1"/> <xs:maxLength value="30"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType **MilitaryConnectedType**

namespace	urn:us:tx:state:tea:TREx:v1.20																								
type	restriction of xs:token																								
properties	base xs:token																								
used by	element StudentDemographicType/MilitaryConnected																								
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>4</td> <td></td> </tr> <tr> <td>enumeration</td> <td>5</td> <td></td> </tr> <tr> <td>enumeration</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5		enumeration	6	
Kind	Value	Annotation																							
enumeration	0																								
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enumeration	3																								
enumeration	4																								
enumeration	5																								
enumeration	6																								
source	<pre> <xs:simpleType name="MilitaryConnectedType"> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> <xs:enumeration value="5"/> <xs:enumeration value="6"/> <!-- Not a military-connected student. --> <!-- KG-12 student is a dependent of an active duty member of the U.S. Military. --> <!-- KG-12 student is a dependent of a current member of the Texas National Guard. --> <!-- KG-12 student is a dependent of a current member of a reserve force in the U.S. Military. --> <!-- Pre-K dependent of active duty service member, Texas guard, or Reserve injured or killed on active duty. --> <!-- KG-12 student is a dependent of a former member of U.S. Military, TX National Guard or a reserve force in the U.S. Military. --> <!-- KG-12 student is a dependent of a member of a military or reserve force in the U.S. Military who was killed in the line of duty. --> </xs:restriction> </xs:simpleType> </pre>																								

simpleType **ParticipationType**

namespace	urn:us:tx:state:tea:TREx:v1.20
type	restriction of xs:token
properties	base xs:token
used by	elements AcademicStatusType/AssociateDegree SpecialProgramsType/AtRisk StudentDemographicType/Dyslexia AcademicStatusType/FHSPCollegeCareerInstructionIndicator SpecialProgramsType/IEP StudentDemographicType/Migrant AcademicStatusType/OnRamps

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	SpecialProgramsType/PersonalGradPlan AcademicStatusType/Section504 SpecialProgramsType/SpecialEd AcademicStatusType/StarOfTexas									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
source	<pre><xs:simpleType name="ParticipationType"> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <!-- Not receiving services, or condition or situation not applicable to this person or campus. --> <!-- Participant in program or service, or condition or situation applicable to this person or campus. --> </xs:restriction> </xs:simpleType></pre>									

simpleType **PassFailCreditType**

namespace	urn:us:tx:state:tea:TRExv1.20																																																
type	restriction of xs:token																																																
properties	base xs:token																																																
used by	element CourseType/PassFailCredit																																																
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>00</td><td></td></tr> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>02</td><td></td></tr> <tr><td>enumeration</td><td>03</td><td></td></tr> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>05</td><td></td></tr> <tr><td>enumeration</td><td>06</td><td></td></tr> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>14</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00		enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	08		enumeration	09		enumeration	10		enumeration	11		enumeration	12		enumeration	13		enumeration	14	
Kind	Value	Annotation																																															
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source	<pre><xs:simpleType name="PassFailCreditType"> <xs:restriction base="xs:token"> <xs:enumeration value="00"/> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="05"/> <xs:enumeration value="06"/> <xs:enumeration value="07"/> </xs:restriction> </xs:simpleType></pre>																																																


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<xs:enumeration value="12"/>
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<!-- Course was passed and credit was received -->
<!-- Not Applicable -->
<!-- Course was failed and no credit was received - first occurrence this
school year -->
<!-- Course was failed and no credit was received - second occurrence this
school year -->
<!-- Course was passed, but credit was not received due to excessive absences
- first occurrence this school year -->
<!-- Course was passed, but credit was not received due to excessive absences
- second occurrence this school year -->
<!-- Course was passed, but credit was not received (other parts of the course
have not been taken) -->
<!-- Course was passed, but credit was not received (other parts of the course
have been taken but not passed) -->
<!-- Course was failed, but credit was received (other parts of the course
have been passed and credit was awarded based on the grades in those parts) -->
<!-- Course work is incomplete and no credit has been awarded -->
<!-- Course was passed, but credit was not received (course had previously
been passed, and was repeated for better mastery) -->
<!-- Course was failed and no credit was received - third occurrence this
school year -->
<!-- Course was passed, but credit was not received due to excessive absences
- third occurrence this school year -->
<!-- Non-High School Course Passed -->
<!-- Non-High School Course Failed -->
</xs:restriction>
</xs:simpleType>

```

simpleType **PerfAckApIbCode**

namespace	urn:us:tx:state:tea:TRExv1.20																											
type	restriction of xs:token																											
properties	base xs:token																											
used by	element PerfAckApIbType/ApIbCode																											
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>4</td> <td></td> </tr> <tr> <td>enumeration</td> <td>5</td> <td></td> </tr> <tr> <td>enumeration</td> <td>6</td> <td></td> </tr> <tr> <td>enumeration</td> <td>7</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5		enumeration	6		enumeration	7	
Kind	Value	Annotation																										
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 Appendix C – TReX XSD Graphical Representation

	<p>enumeration 170</p> <p>enumeration 171</p> <p>enumeration 172</p> <p>enumeration 173</p> <p>enumeration 174</p> <p>enumeration 175</p> <p>enumeration 176</p> <p>enumeration 177</p> <p>enumeration 178</p> <p>enumeration 179</p> <p>enumeration 180</p> <p>enumeration 181</p> <p>enumeration 182</p>
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<!-- Acknowledgment for AP: Biology -->
<!-- Acknowledgment for AP: Calculus AB -->
<!-- Acknowledgment for AP: Calculus BC -->
<!-- Acknowledgment for AP: Chemistry -->
<!-- Acknowledgment for AP: Chinese Language and Culture -->
<!-- Acknowledgment for AP: Comparative Government and Politics -->
<!-- Acknowledgment for AP: Computer Science A -->
<!-- Acknowledgment for AP: English Language and Composition -->
<!-- Acknowledgment for AP: English Literature and Composition -->
<!-- Acknowledgment for AP: Environmental Science -->
<!-- Acknowledgment for AP: European History -->
<!-- Acknowledgment for AP: French Language and Culture -->
<!-- Acknowledgment for AP: German Language and Culture -->
<!-- Acknowledgment for AP: Human Geography -->
<!-- Acknowledgment for AP: Italian Language and Culture -->
<!-- Acknowledgment for AP: Japanese Language and Culture -->
<!-- Acknowledgment for AP: Latin -->
<!-- Acknowledgment for AP: Macroeconomics -->
<!-- Acknowledgment for AP: Microeconomics -->
<!-- Acknowledgment for AP: Music Theory -->
<!-- Acknowledgment for AP: Physics 1: Algebra-Based -->
<!-- Acknowledgment for AP: Physics 2: Algebra-Based -->
<!-- Acknowledgment for AP: Physics B -->
<!-- Acknowledgment for AP: Physics C: Electricity and Magnetism -->
<!-- Acknowledgment for AP: Physics C: Mechanics -->
<!-- Acknowledgment for AP: Psychology -->
<!-- Acknowledgment for AP: Spanish Language and Culture -->
<!-- Acknowledgment for AP: Spanish Literature and Culture -->
<!-- Acknowledgment for AP: Statistics -->
<!-- Acknowledgment for AP: Studio Art 2-D Design Portfolio -->
<!-- Acknowledgment for AP: Studio Art 3-D Design Portfolio -->
<!-- Acknowledgment for AP: Studio Art Drawing Portfolio -->
<!-- Acknowledgment for AP: United States Government and Politics -->
<!-- Acknowledgment for AP: United States History -->
<!-- Acknowledgment for AP: World History -->
<!-- Acknowledgment for IB: Biology HL -->
<!-- Acknowledgment for IB: Biology SL -->
<!-- Acknowledgment for IB: Business and Management HL -->
<!-- Acknowledgment for IB: Business and Management SL -->
<!-- Acknowledgment for IB: Chemistry HL -->
<!-- Acknowledgment for IB: Chemistry SL -->
```


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```
<!-- Acknowledgment for IB: Chinese A Language and Literature HL -->
<!-- Acknowledgment for IB: Chinese A Language and Literature SL -->
<!-- Acknowledgment for IB: Chinese A Literature HL -->
<!-- Acknowledgment for IB: Chinese A Literature SL -->
<!-- Acknowledgment for IB: Chinese ab initio SL -->
<!-- Acknowledgment for IB: Chinese B HL -->
<!-- Acknowledgment for IB: Chinese B SL -->
<!-- Acknowledgment for IB: Classical Greek HL -->
<!-- Acknowledgment for IB: Classical Greek SL -->
<!-- Acknowledgment for IB: Computer Science HL -->
<!-- Acknowledgment for IB: Computer Science SL -->
<!-- Acknowledgment for IB: Design Technology HL -->
<!-- Acknowledgment for IB: Design Technology SL -->
<!-- Acknowledgment for IB: Economics HL -->
<!-- Acknowledgment for IB: Economics SL -->
<!-- Acknowledgment for IB: English A Language and Literature HL -->
<!-- Acknowledgment for IB: English A Language and Literature SL -->
<!-- Acknowledgment for IB: English A Literature HL -->
<!-- Acknowledgment for IB: English A Literature SL -->
<!-- Acknowledgment for IB: English ab initio SL -->
<!-- Acknowledgment for IB: English B HL -->
<!-- Acknowledgment for IB: English B SL -->
<!-- Acknowledgment for IB: Environmental Systems and Societies SL -->
<!-- Acknowledgment for IB: French A Language and Literature HL -->
<!-- Acknowledgment for IB: French A Language and Literature SL -->
<!-- Acknowledgment for IB: French A Literature HL -->
<!-- Acknowledgment for IB: French A Literature SL -->
<!-- Acknowledgment for IB: French ab initio SL -->
<!-- Acknowledgment for IB: French B HL -->
<!-- Acknowledgment for IB: French B SL -->
<!-- Acknowledgment for IB: Further Mathematics HL -->
<!-- Acknowledgment for IB: Geography HL -->
<!-- Acknowledgment for IB: Geography HL/SL -->
<!-- Acknowledgment for IB: Geography SL -->
<!-- Acknowledgment for IB: German A Language and Literature HL -->
<!-- Acknowledgment for IB: German A Language and Literature SL -->
<!-- Acknowledgment for IB: German A Literature HL -->
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<!-- Acknowledgment for IB: German ab initio -->
<!-- Acknowledgment for IB: German ab initio SL -->
<!-- Acknowledgment for IB: German B HL -->
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<!-- Acknowledgment for IB: Global Politics HL -->
<!-- Acknowledgment for IB: Global Politics HL/SL -->
<!-- Acknowledgment for IB: Global Politics SL -->
<!-- Acknowledgment for IB: History HL -->
<!-- Acknowledgment for IB: History SL -->
<!-- Acknowledgment for IB: Information Technology in a Global Society (ITGS)
HL -->
<!-- Acknowledgment for IB: Information Technology in a Global Society (ITGS)
HL/SL -->
<!-- Acknowledgment for IB: Information Technology in a Global Society (ITGS)
SL -->
<!-- Acknowledgment for IB: Language Studies A: Language and Literature HL -->
<!-- Acknowledgment for IB: Language Studies A: Language and Literature SL -->
```

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Appendix C – TReX XSD Graphical Representation

```
<!-- Acknowledgment for IB: Language Studies A: Literature HL -->
<!-- Acknowledgment for IB: Language Studies A: Literature SL -->
<!-- Acknowledgment for IB: Language ab initio SL -->
<!-- Acknowledgment for IB: Language B HL -->
<!-- Acknowledgment for IB: Language B SL -->
<!-- Acknowledgment for IB: Latin HL -->
<!-- Acknowledgment for IB: Latin SL -->
<!-- Acknowledgment for IB: Literature and Performance SL -->
<!-- Acknowledgment for IB: Mathematical studies SL -->
<!-- Acknowledgment for IB: Mathematics HL -->
<!-- Acknowledgment for IB: Mathematics SL -->
<!-- Acknowledgment for IB: Music HL -->
<!-- Acknowledgment for IB: Music SL -->
<!-- Acknowledgment for IB: Philosophy HL -->
<!-- Acknowledgment for IB: Philosophy HL/SL -->
<!-- Acknowledgment for IB: Philosophy SL -->
<!-- Acknowledgment for IB: Physics HL -->
<!-- Acknowledgment for IB: Physics SL -->
<!-- Acknowledgment for IB: Psychology HL -->
<!-- Acknowledgment for IB: Psychology HL/SL -->
<!-- Acknowledgment for IB: Psychology SL -->
<!-- Acknowledgment for IB: School-based syllabus SL -->
<!-- Acknowledgment for IB: Social and Cultural Anthropology HL -->
<!-- Acknowledgment for IB: Social and Cultural Anthropology SL -->
<!-- Acknowledgment for IB: Spanish A Language and Literature HL -->
<!-- Acknowledgment for IB: Spanish A Language and Literature SL -->
<!-- Acknowledgment for IB: Spanish A Literature HL -->
<!-- Acknowledgment for IB: Spanish A Literature SL -->
<!-- Acknowledgment for IB: Spanish ab initio SL -->
<!-- Acknowledgment for IB: Spanish B HL -->
<!-- Acknowledgment for IB: Spanish B SL -->
<!-- Acknowledgment for IB: Sports, Exercise, and Health Science SL -->
<!-- Acknowledgment for IB: World Religions SL -->
<!-- Acknowledgment for AP: Computer Science Principles -->
<!-- Acknowledgment for AP: Capstone Seminar -->
<!-- Acknowledgment for IB: Nature of Science SL -->
<!-- Acknowledgment for IB: Sports, Exercise, and Health Science HL -->
<!-- Acknowledgment for IB: History of Africa and the Middle East HL -->
<!-- Acknowledgment for IB: History of the Americas HL -->
<!-- Acknowledgment for IB: History of Asia and Oceania HL -->
<!-- Acknowledgment for IB: History of Europe HL -->
<!-- Acknowledgment for IB: Film SL -->
<!-- Acknowledgment for IB: Film HL -->
<!-- Acknowledgment for IB: Dance HL -->
<!-- Acknowledgment for IB: Dance SL -->
<!-- Acknowledgment for IB: Visual Arts HL -->
<!-- Acknowledgment for IB: Visual Arts SL -->
<!-- Acknowledgment for IB: Theatre HL -->
<!-- Acknowledgment for IB: Theatre SL -->
<!-- Acknowledgment for IB: Arabic ab initio SL -->
<!-- Acknowledgment for IB: Arabic B HL -->
<!-- Acknowledgment for IB: Arabic B SL -->
<!-- Acknowledgment for IB: Japanese ab initio SL -->
<!-- Acknowledgment for IB: Japanese B HL -->
<!-- Acknowledgment for IB: Japanese B SL -->
```

	<pre> <!-- Acknowledgment for IB: Russian ab initio SL --> <!-- Acknowledgment for IB: Russian A Literature HL --> <!-- Acknowledgment for IB: Russian A Literature SL --> <!-- Acknowledgment for IB: Hebrew ab initio SL --> <!-- Acknowledgment for IB: Hebrew B HL --> <!-- Acknowledgment for IB: Hebrew B SL --> <!-- Acknowledgment for IB: Hindi ab initio SL --> <!-- Acknowledgment for IB: Hindi B HL --> <!-- Acknowledgment for IB: Hindi B SL --> </xs:restriction> </xs:simpleType> </pre>
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properties	base xs:token									
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properties	base xs:token																											
used by	element PerfAckCollegeAssessType/CollegeAssessCode																											
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Kind	Value	Annotation																										
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enumeration	1																											
enumeration	2																											
enumeration	3																											
enumeration	4																											
enumeration	5																											
enumeration	6																											
enumeration	7																											
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simpleType **PerfAckDualCreditCode**

namespace	urn:us:tx:state:tea:TREx:v1.20
type	restriction of xs:token
properties	base xs:token
used by	element PerfAckDualCreditType/DualCreditCode

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2	
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enumeration	1												
enumeration	2												
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simpleType **PerformanceLevelType**

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type	restriction of xs:token																																				
properties	base xs:token																																				
used by	element AssessmentType/PerformanceLevel																																				
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>0</td><td></td></tr> <tr><td>enumeration</td><td>1</td><td></td></tr> <tr><td>enumeration</td><td>2</td><td></td></tr> <tr><td>enumeration</td><td>3</td><td></td></tr> <tr><td>enumeration</td><td>4</td><td></td></tr> <tr><td>enumeration</td><td>6</td><td></td></tr> <tr><td>enumeration</td><td>7</td><td></td></tr> <tr><td>enumeration</td><td>8</td><td></td></tr> <tr><td>enumeration</td><td>9</td><td></td></tr> <tr><td>enumeration</td><td>A</td><td></td></tr> <tr><td>enumeration</td><td>B</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	6		enumeration	7		enumeration	8		enumeration	9		enumeration	A		enumeration	B	
Kind	Value	Annotation																																			
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enumeration	1																																				
enumeration	2																																				
enumeration	3																																				
enumeration	4																																				
enumeration	6																																				
enumeration	7																																				
enumeration	8																																				
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enumeration	A																																				
enumeration	B																																				
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2019-2020 TReX Version 4.8.2 Data Standards
Appendix C – TReX XSD Graphical Representation

	<pre> <!-- II - Satisfactory Academic Performance, Level II --> <!-- III - Accomplished or Advanced Academic Performance, Level III --> <!-- M - Met Transition Rule Standard --> <!-- S - Substitute Assessment --> <!-- DidNotMeet - Unsatisfactory Academic Performance, Level I (STAAR Alternate) or Did Not Meet Grade Level Performance --> <!-- Approaches - Approaches Grade Level Performance (Not available for use for STAAR Alternate) --> <!-- Meets - Satisfactory Academic Performance, Level II (STAAR Alternate) or Meets Grade Level Performance --> <!-- Masters - Accomplished or Advanced Academic Performance, Level III (STAAR Alternate) or Masters Grade Level Performance --> <!-- 2020 Waived - STAAR testing requirements waived for administrations for the 2019-2020 school year --> </xs:restriction> </xs:simpleType> </pre>
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simpleType **PhoneNumberType**

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properties	base xs:token									
used by	elements PhoneNumberGroup/Fax PhoneNumberGroup/PhoneNumber									
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properties	base xs:token												
used by	element AddressType/PostalCode												
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maxLength	10												
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properties	base xs:token									
used by	element StudentIdentificationType/PriorID									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	9	
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simpleType **QuartileType**

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used by	element AcademicSummaryType/Quartile															
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enumeration	2															
enumeration	3															
enumeration	4															
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properties	base xs:token

used by	element SchoolType/SchoolName									
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properties	base xs:token																																																																		
used by	element CourseType/SemesterSeq																																																																		
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Kind	Value	Annotation																																																																	
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enumeration	D7																																																																		
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<!-- One semester course -->
<!-- First half of a two-semester course -->
<!-- Second half of a two-semester course -->
<!-- First third of a three-semester course -->
<!-- Second third of a three-semester course -->
<!-- Last third of a three-semester course -->
<!-- First fourth of a four-semester course -->
<!-- Second fourth of a four-semester course -->
<!-- Third fourth of a four-semester course -->
<!-- Last fourth of a four-semester course -->
<!-- Single semester dual credit course -->
<!-- First half of a two-semester dual credit course -->
<!-- Second half of a two-semester dual credit course -->
<!-- First third of a three-semester dual credit course -->
<!-- Second third of a three-semester dual credit course -->
<!-- Last third of a three-semester dual credit course -->
<!-- First fourth of a four-semester dual credit course -->
<!-- Second fourth of a four-semester dual credit course -->
<!-- Third fourth of a four-semester dual credit course -->
<!-- Last fourth of a four-semester dual credit course -->
<!-- Non-High School Year Long Course -->
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properties	base xs:token												
used by	elements AcademicSessionType/SessionType CurrentCourseworkType/SessionType												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Semester</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Trimester</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Quarter</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Semester		enumeration	Trimester		enumeration	Quarter	
Kind	Value	Annotation											
enumeration	Semester												
enumeration	Trimester												
enumeration	Quarter												
source	<pre> <xs:simpleType name="SessionType"> <xs:restriction base="xs:token"> <xs:enumeration value="Semester"/> <xs:enumeration value="Trimester"/> <xs:enumeration value="Quarter"/> </xs:restriction> </xs:simpleType> </pre>												

simpleType **StateProvinceType**

namespace	urn:us:tx:state:tea:TREx:v1.20																																																			
type	restriction of xs:token																																																			
properties	base xs:token																																																			
used by	element AddressType/StateProvince																																																			
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>TX</td><td></td></tr> <tr><td>enumeration</td><td>AA</td><td></td></tr> <tr><td>enumeration</td><td>AB</td><td></td></tr> <tr><td>enumeration</td><td>AE</td><td></td></tr> <tr><td>enumeration</td><td>AK</td><td></td></tr> <tr><td>enumeration</td><td>AL</td><td></td></tr> <tr><td>enumeration</td><td>AP</td><td></td></tr> <tr><td>enumeration</td><td>AR</td><td></td></tr> <tr><td>enumeration</td><td>AS</td><td></td></tr> <tr><td>enumeration</td><td>AZ</td><td></td></tr> <tr><td>enumeration</td><td>BC</td><td></td></tr> <tr><td>enumeration</td><td>CA</td><td></td></tr> <tr><td>enumeration</td><td>CO</td><td></td></tr> <tr><td>enumeration</td><td>CT</td><td></td></tr> <tr><td>enumeration</td><td>CZ</td><td></td></tr> <tr><td>enumeration</td><td>DC</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	TX		enumeration	AA		enumeration	AB		enumeration	AE		enumeration	AK		enumeration	AL		enumeration	AP		enumeration	AR		enumeration	AS		enumeration	AZ		enumeration	BC		enumeration	CA		enumeration	CO		enumeration	CT		enumeration	CZ		enumeration	DC	
Kind	Value	Annotation																																																		
enumeration	TX																																																			
enumeration	AA																																																			
enumeration	AB																																																			
enumeration	AE																																																			
enumeration	AK																																																			
enumeration	AL																																																			
enumeration	AP																																																			
enumeration	AR																																																			
enumeration	AS																																																			
enumeration	AZ																																																			
enumeration	BC																																																			
enumeration	CA																																																			
enumeration	CO																																																			
enumeration	CT																																																			
enumeration	CZ																																																			
enumeration	DC																																																			

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enumeration	DE
enumeration	FL
enumeration	FM
enumeration	GA
enumeration	GU
enumeration	HI
enumeration	IA
enumeration	ID
enumeration	IL
enumeration	IN
enumeration	KS
enumeration	KY
enumeration	LA
enumeration	MA
enumeration	MB
enumeration	MD
enumeration	ME
enumeration	MH
enumeration	MI
enumeration	MN
enumeration	MO
enumeration	MP
enumeration	MS
enumeration	MT
enumeration	NB
enumeration	NC
enumeration	ND
enumeration	NE
enumeration	NF
enumeration	NH
enumeration	NJ
enumeration	NL
enumeration	NM
enumeration	NS
enumeration	NT
enumeration	NU
enumeration	NV
enumeration	NY
enumeration	OH
enumeration	OK
enumeration	ON
enumeration	OR
enumeration	PA
enumeration	PE
enumeration	PR
enumeration	PW

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Appendix C – TReX XSD Graphical Representation

	enumeration QC enumeration RI enumeration SC enumeration SD enumeration SK enumeration TN enumeration UT enumeration VA enumeration VI enumeration VT enumeration WA enumeration WI enumeration WV enumeration WY enumeration YT
source	<pre> <xs:simpleType name="StateProvinceType"> <xs:restriction base="xs:token"> <xs:enumeration value="TX"/> <xs:enumeration value="AA"/> <xs:enumeration value="AB"/> <xs:enumeration value="AE"/> <xs:enumeration value="AK"/> <xs:enumeration value="AL"/> <xs:enumeration value="AP"/> <xs:enumeration value="AR"/> <xs:enumeration value="AS"/> <xs:enumeration value="AZ"/> <xs:enumeration value="BC"/> <xs:enumeration value="CA"/> <xs:enumeration value="CO"/> <xs:enumeration value="CT"/> <xs:enumeration value="CZ"/> <xs:enumeration value="DC"/> <xs:enumeration value="DE"/> <xs:enumeration value="FL"/> <xs:enumeration value="FM"/> <xs:enumeration value="GA"/> <xs:enumeration value="GU"/> <xs:enumeration value="HI"/> <xs:enumeration value="IA"/> <xs:enumeration value="ID"/> <xs:enumeration value="IL"/> <xs:enumeration value="IN"/> <xs:enumeration value="KS"/> <xs:enumeration value="KY"/> <xs:enumeration value="LA"/> <xs:enumeration value="MA"/> <xs:enumeration value="MB"/> <xs:enumeration value="MD"/> <xs:enumeration value="ME"/> <xs:enumeration value="MH"/> </pre>

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Appendix C – TReX XSD Graphical Representation

```
<xs:enumeration value="MI"/>
<xs:enumeration value="MN"/>
<xs:enumeration value="MO"/>
<xs:enumeration value="MP"/>
<xs:enumeration value="MS"/>
<xs:enumeration value="MT"/>
<xs:enumeration value="NB"/>
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<xs:enumeration value="NE"/>
<xs:enumeration value="NF"/>
<xs:enumeration value="NH"/>
<xs:enumeration value="NJ"/>
<xs:enumeration value="NL"/>
<xs:enumeration value="NM"/>
<xs:enumeration value="NS"/>
<xs:enumeration value="NT"/>
<xs:enumeration value="NU"/>
<xs:enumeration value="NV"/>
<xs:enumeration value="NY"/>
<xs:enumeration value="OH"/>
<xs:enumeration value="OK"/>
<xs:enumeration value="ON"/>
<xs:enumeration value="OR"/>
<xs:enumeration value="PA"/>
<xs:enumeration value="PE"/>
<xs:enumeration value="PR"/>
<xs:enumeration value="PW"/>
<xs:enumeration value="QC"/>
<xs:enumeration value="RI"/>
<xs:enumeration value="SC"/>
<xs:enumeration value="SD"/>
<xs:enumeration value="SK"/>
<xs:enumeration value="TN"/>
<xs:enumeration value="UT"/>
<xs:enumeration value="VA"/>
<xs:enumeration value="VI"/>
<xs:enumeration value="VT"/>
<xs:enumeration value="WA"/>
<xs:enumeration value="WI"/>
<xs:enumeration value="WV"/>
<xs:enumeration value="WY"/>
<xs:enumeration value="YT"/>
<!-- Texas -->
<!-- Military-Americas -->
<!-- Alberta -->
<!-- Military-Europe -->
<!-- Alaska -->
<!-- Alabama -->
<!-- Military-Pacific -->
<!-- Arkansas -->
<!-- American Samoa -->
<!-- Arizona -->
<!-- British Columbia -->
<!-- California -->
```

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```
<!-- Colorado -->  
<!-- Connecticut -->  
<!-- Canal Zone -->  
<!-- District Of Columbia -->  
<!-- Delaware -->  
<!-- Florida -->  
<!-- Federated States Of Micronesia -->  
<!-- Georgia -->  
<!-- Guam -->  
<!-- Hawaii -->  
<!-- Iowa -->  
<!-- Idaho -->  
<!-- Illinois -->  
<!-- Indiana -->  
<!-- Kansas -->  
<!-- Kentucky -->  
<!-- Louisiana -->  
<!-- Massachusetts -->  
<!-- Manitoba -->  
<!-- Maryland -->  
<!-- Maine -->  
<!-- Marshall Islands -->  
<!-- Michigan -->  
<!-- Minnesota -->  
<!-- Missouri -->  
<!-- Northern Mariana Islands -->  
<!-- Mississippi -->  
<!-- Montana -->  
<!-- New Brunswick -->  
<!-- North Carolina -->  
<!-- North Dakota -->  
<!-- Nebraska -->  
<!-- Newfoundland -->  
<!-- New Hampshire -->  
<!-- New Jersey -->  
<!-- Newfoundland And Labrador -->  
<!-- New Mexico -->  
<!-- Nova Scotia -->  
<!-- Northwest Territories -->  
<!-- Nunavut -->  
<!-- Nevada -->  
<!-- New York -->  
<!-- Ohio -->  
<!-- Oklahoma -->  
<!-- Ontario -->  
<!-- Oregon -->  
<!-- Pennsylvania -->  
<!-- Prince Edward Island -->  
<!-- Puerto Rico -->  
<!-- Republic Of Palau -->  
<!-- Quebec -->  
<!-- Rhode Island -->  
<!-- South Carolina -->  
<!-- South Dakota -->  
<!-- Saskatchewan -->
```

	<pre> <!-- Tennessee --> <!-- Utah --> <!-- Virginia --> <!-- Virgin Islands --> <!-- Vermont --> <!-- Washington --> <!-- Wisconsin --> <!-- West Virginia --> <!-- Wyoming --> <!-- Yukon --> </xs:restriction> </xs:simpleType> </pre>
--	---

simpleType **StudentIDType**

namespace	urn:us:tx:state:tea:TRExv1.20									
type	restriction of xs:token									
properties	base xs:token									
used by	element StudentIdentificationType/StudentID									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>64</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	64	
Kind	Value	Annotation								
minLength	1									
maxLength	64									
source	<pre> <xs:simpleType name="StudentIDType"> <xs:restriction base="xs:token"> <xs:minLength value="1"/> <xs:maxLength value="64"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType **StudentUniqueIDType**

namespace	urn:us:tx:state:tea:TRExv1.20						
type	restriction of xs:token						
properties	base xs:token						
used by	element StudentIdentificationType/StudentUniqueID						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[0-9]{10}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[0-9]{10}	
Kind	Value	Annotation					
pattern	[0-9]{10}						
source	<pre> <xs:simpleType name="StudentUniqueIDType"> <xs:restriction base="xs:token"> <xs:pattern value="[0-9]{10}"/> </xs:restriction> </xs:simpleType> </pre>						

simpleType **SubjectAreaType**

namespace	urn:us:tx:state:tea:TRExv1.20
-----------	-------------------------------

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Appendix C – TReX XSD Graphical Representation

type	restriction of xs:token																																													
properties	base xs:token																																													
used by	element CourseType/SubjectArea																																													
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>ELA</td><td></td></tr> <tr><td>enumeration</td><td>SP</td><td></td></tr> <tr><td>enumeration</td><td>MA</td><td></td></tr> <tr><td>enumeration</td><td>SC</td><td></td></tr> <tr><td>enumeration</td><td>SS</td><td></td></tr> <tr><td>enumeration</td><td>ECFE</td><td></td></tr> <tr><td>enumeration</td><td>HL</td><td></td></tr> <tr><td>enumeration</td><td>PE</td><td></td></tr> <tr><td>enumeration</td><td>LOTE</td><td></td></tr> <tr><td>enumeration</td><td>FA</td><td></td></tr> <tr><td>enumeration</td><td>TA</td><td></td></tr> <tr><td>enumeration</td><td>CTE</td><td></td></tr> <tr><td>enumeration</td><td>EL</td><td></td></tr> <tr><td>enumeration</td><td>LC</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	ELA		enumeration	SP		enumeration	MA		enumeration	SC		enumeration	SS		enumeration	ECFE		enumeration	HL		enumeration	PE		enumeration	LOTE		enumeration	FA		enumeration	TA		enumeration	CTE		enumeration	EL		enumeration	LC	
Kind	Value	Annotation																																												
enumeration	ELA																																													
enumeration	SP																																													
enumeration	MA																																													
enumeration	SC																																													
enumeration	SS																																													
enumeration	ECFE																																													
enumeration	HL																																													
enumeration	PE																																													
enumeration	LOTE																																													
enumeration	FA																																													
enumeration	TA																																													
enumeration	CTE																																													
enumeration	EL																																													
enumeration	LC																																													
source	<pre> <xs:simpleType name="SubjectAreaType"> <xs:restriction base="xs:token"> <xs:enumeration value="ELA"/> <xs:enumeration value="SP"/> <xs:enumeration value="MA"/> <xs:enumeration value="SC"/> <xs:enumeration value="SS"/> <xs:enumeration value="ECFE"/> <xs:enumeration value="HL"/> <xs:enumeration value="PE"/> <xs:enumeration value="LOTE"/> <xs:enumeration value="FA"/> <xs:enumeration value="TA"/> <xs:enumeration value="CTE"/> <xs:enumeration value="EL"/> <xs:enumeration value="LC"/> <!-- English Language Arts --> <!-- Speech --> <!-- Mathematics --> <!-- Science --> <!-- Social Studies --> <!-- Economics/Free Enterprise --> <!-- Health --> <!-- Physical Education or equivalent --> <!-- Language Other Than English --> <!-- Fine Arts --> <!-- Tech Applications --> <!-- Career and Technical Education --> <!-- Other Electives --> <!-- Local Credit --> </xs:restriction> </xs:simpleType> </pre>																																													

simpleType **SubTestNameType**

namespace	urn:us:tx:state:tea:TREx:v1.20									
type	restriction of xs:token									
properties	base xs:token									
used by	element AssessmentSubTestType/SubTestName									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>60</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	60	
Kind	Value	Annotation								
minLength	1									
maxLength	60									
source	<pre><xs:simpleType name="SubTestNameType"> <xs:restriction base="xs:token"> <xs:minLength value="1"/> <xs:maxLength value="60"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **SuffixType**

namespace	urn:us:tx:state:tea:TREx:v1.20																																							
type	restriction of xs:token																																							
properties	base xs:token																																							
used by	element PersonNameType/Suffix																																							
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>1</td><td></td></tr> <tr><td>enumeration</td><td>2</td><td></td></tr> <tr><td>enumeration</td><td>3</td><td></td></tr> <tr><td>enumeration</td><td>4</td><td></td></tr> <tr><td>enumeration</td><td>5</td><td></td></tr> <tr><td>enumeration</td><td>6</td><td></td></tr> <tr><td>enumeration</td><td>7</td><td></td></tr> <tr><td>enumeration</td><td>8</td><td></td></tr> <tr><td>enumeration</td><td>9</td><td></td></tr> <tr><td>enumeration</td><td>A</td><td></td></tr> <tr><td>enumeration</td><td>B</td><td></td></tr> <tr><td>enumeration</td><td>C</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5		enumeration	6		enumeration	7		enumeration	8		enumeration	9		enumeration	A		enumeration	B		enumeration	C	
Kind	Value	Annotation																																						
enumeration	1																																							
enumeration	2																																							
enumeration	3																																							
enumeration	4																																							
enumeration	5																																							
enumeration	6																																							
enumeration	7																																							
enumeration	8																																							
enumeration	9																																							
enumeration	A																																							
enumeration	B																																							
enumeration	C																																							
source	<pre><xs:simpleType name="SuffixType"> <xs:restriction base="xs:token"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> <xs:enumeration value="5"/> <xs:enumeration value="6"/> <xs:enumeration value="7"/> </xs:restriction> </xs:simpleType></pre>																																							

```

<xs:enumeration value="8"/>
<xs:enumeration value="9"/>
<xs:enumeration value="A"/>
<xs:enumeration value="B"/>
<xs:enumeration value="C"/>
<!-- Jr. -->
<!-- Sr. -->
<!-- II -->
<!-- III -->
<!-- IV -->
<!-- V -->
<!-- VI -->
<!-- VII -->
<!-- VIII -->
<!-- I -->
<!-- IX -->
<!-- X -->
</xs:restriction>
</xs:simpleType>

```

simpleType **TestCodeType**

namespace	urn:us:tx:state:tea:TREx:v1.20																																																															
type	restriction of xs:token																																																															
properties	base xs:token																																																															
used by	element AssessmentType/TestCode																																																															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>A</td><td></td></tr> <tr><td>enumeration</td><td>B</td><td></td></tr> <tr><td>enumeration</td><td>C</td><td></td></tr> <tr><td>enumeration</td><td>D</td><td></td></tr> <tr><td>enumeration</td><td>E</td><td></td></tr> <tr><td>enumeration</td><td>G</td><td></td></tr> <tr><td>enumeration</td><td>I</td><td></td></tr> <tr><td>enumeration</td><td>L</td><td></td></tr> <tr><td>enumeration</td><td>M</td><td></td></tr> <tr><td>enumeration</td><td>N</td><td></td></tr> <tr><td>enumeration</td><td>O</td><td></td></tr> <tr><td>enumeration</td><td>P</td><td></td></tr> <tr><td>enumeration</td><td>Q</td><td></td></tr> <tr><td>enumeration</td><td>R</td><td></td></tr> <tr><td>enumeration</td><td>S</td><td></td></tr> <tr><td>enumeration</td><td>T</td><td></td></tr> <tr><td>enumeration</td><td>W</td><td></td></tr> <tr><td>enumeration</td><td>X</td><td></td></tr> <tr><td>enumeration</td><td>Y</td><td></td></tr> <tr><td>enumeration</td><td>Z</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	A		enumeration	B		enumeration	C		enumeration	D		enumeration	E		enumeration	G		enumeration	I		enumeration	L		enumeration	M		enumeration	N		enumeration	O		enumeration	P		enumeration	Q		enumeration	R		enumeration	S		enumeration	T		enumeration	W		enumeration	X		enumeration	Y		enumeration	Z	
Kind	Value	Annotation																																																														
enumeration	A																																																															
enumeration	B																																																															
enumeration	C																																																															
enumeration	D																																																															
enumeration	E																																																															
enumeration	G																																																															
enumeration	I																																																															
enumeration	L																																																															
enumeration	M																																																															
enumeration	N																																																															
enumeration	O																																																															
enumeration	P																																																															
enumeration	Q																																																															
enumeration	R																																																															
enumeration	S																																																															
enumeration	T																																																															
enumeration	W																																																															
enumeration	X																																																															
enumeration	Y																																																															
enumeration	Z																																																															

	enumeration *
source	<pre> <xs:simpleType name="TestCodeType"> <xs:restriction base="xs:token"> <xs:enumeration value="A"/> <xs:enumeration value="B"/> <xs:enumeration value="C"/> <xs:enumeration value="D"/> <xs:enumeration value="E"/> <xs:enumeration value="G"/> <xs:enumeration value="I"/> <xs:enumeration value="L"/> <xs:enumeration value="M"/> <xs:enumeration value="N"/> <xs:enumeration value="O"/> <xs:enumeration value="P"/> <xs:enumeration value="Q"/> <xs:enumeration value="R"/> <xs:enumeration value="S"/> <xs:enumeration value="T"/> <xs:enumeration value="W"/> <xs:enumeration value="X"/> <xs:enumeration value="Y"/> <xs:enumeration value="Z"/> <xs:enumeration value="*/> <!-- Absent --> <!-- Score code defaulted to B (Reading, grades K-1) --> <!-- Student did not take paper-version reading test and an online-version reading test for student could not be matched to paper-version record. --> <!-- No information available for this subject --> <!-- Extenuating Circumstances, do not score (Reading, grades K-1) --> <!-- Student Information provided from TAKS-Alt --> <!-- TAKS Inclusive test was administered --> <!-- Student is LEP-exempt --> <!-- Medical Exception --> <!-- No Authentic Academic Response --> <!-- Other --> <!-- Previously Met Standards --> <!-- Student did not take TAKS Reading test; do not score --> <!-- ARD Committee determined TAKS Reading is not appropriate for student --> <!-- Student Test was Scored --> <!-- State-approved alternate assessment administered instead of TAKS Reading --> <!-- Parental Waiver --> <!-- Student is ARD-exempt; do not score --> <!-- Student did not take English-version Reading test; do not score --> <!-- Student did not take Spanish-version Reading test; do not score --> <!-- No information available for this subject --> </xs:restriction> </xs:simpleType> </pre>

simpleType **TestNameType**

namespace	urn:us:tx:state:tea:TREXv1.20
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type	restriction of xs:token		
properties	base <code>xs:token</code>		
used by	element AssessmentType/TestName		
facets	Kind	Value	Annotation
	enumeration	01	
	enumeration	02	
	enumeration	03	
	enumeration	04	
	enumeration	05	
	enumeration	06	
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	15	
	enumeration	16	
	enumeration	17	
	enumeration	18	
	enumeration	19	
	enumeration	20	
	enumeration	21	
	enumeration	22	
	enumeration	23	
	enumeration	24	
	enumeration	25	
	enumeration	26	
	enumeration	27	
	enumeration	28	
	enumeration	29	
	enumeration	30	
	enumeration	31	
	enumeration	32	
	enumeration	33	
	enumeration	34	
	enumeration	35	
	enumeration	36	
	enumeration	37	
	enumeration	38	
	enumeration	39	
	enumeration	40	
	enumeration	41	documentation

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enumeration	42	Deprecated: Use code 'E6' documentation
enumeration	43	Deprecated: Use code 'E7' documentation
enumeration	44	Deprecated: Use code 'E9' documentation
enumeration	45	Deprecated: Use code 'EA' documentation
enumeration	46	Deprecated: Use code 'EC' documentation
enumeration	47	Deprecated: Use code 'EB' documentation
enumeration	48	Deprecated: Use code 'EF' documentation
enumeration	49	Deprecated: Use code 'H0' documentation
enumeration	50	Deprecated: Use code 'E8' documentation
enumeration	51	Deprecated: Use code 'H1' documentation
enumeration	52	Deprecated: Use code 'ED' documentation
enumeration	53	Deprecated: Use code 'H2'
enumeration	54	
enumeration	55	
enumeration	56	
enumeration	57	
enumeration	58	
enumeration	59	
enumeration	60	
enumeration	61	
enumeration	62	
enumeration	63	
enumeration	64	
enumeration	65	
enumeration	66	
enumeration	67	
enumeration	68	
enumeration	69	
enumeration	70	
enumeration	71	documentation Deprecated: Use code 'E0'
enumeration	72	documentation Deprecated: Use code 'E1'
enumeration	73	documentation Deprecated: Use code 'E2'
enumeration	74	documentation Deprecated: Use code 'E3'
enumeration	75	documentation Deprecated: Use code 'E4'
enumeration	76	documentation Deprecated: Use code 'E5'
enumeration	77	

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enumeration	78
enumeration	79
enumeration	80
enumeration	81
enumeration	A0
enumeration	A1
enumeration	A2
enumeration	A3
enumeration	A4
enumeration	A5
enumeration	A6
enumeration	A7
enumeration	A8
enumeration	A9
enumeration	AA
enumeration	AB
enumeration	AC
enumeration	AD
enumeration	AE
enumeration	AF
enumeration	AG
enumeration	AH
enumeration	AJ
enumeration	AK
enumeration	AL
enumeration	AM
enumeration	AN
enumeration	AP
enumeration	AQ
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enumeration	E3	documentation Deprecated: Use code 'EH'
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enumeration	E9	
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enumeration	EF	
enumeration	EG	
enumeration	EH	

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enumeration	G6
enumeration	G7
enumeration	G8
enumeration	G9
enumeration	GA
enumeration	GB
enumeration	GC
enumeration	GD
enumeration	H0
enumeration	H1
enumeration	H2
enumeration	H3
enumeration	H4
enumeration	H5
enumeration	H6
enumeration	H7
enumeration	H8
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enumeration	J1
enumeration	J2
enumeration	J3
enumeration	J4
enumeration	JA
enumeration	JB
enumeration	JC
enumeration	JD
enumeration	JE
enumeration	JF
enumeration	JG
enumeration	JH

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	enumeration JJ enumeration JK enumeration JL enumeration JM enumeration JN enumeration JP enumeration JQ enumeration JR enumeration JS enumeration K0 enumeration K1 enumeration K2 enumeration K3 enumeration K4 enumeration KA enumeration KB enumeration KC enumeration KD enumeration KE enumeration KF enumeration KG enumeration KH enumeration KJ enumeration KK enumeration KL enumeration KM enumeration KN enumeration KP enumeration KQ enumeration KR enumeration KS
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<!-- El Inventario de Lectura en Espanol de Tejas (Grades K-2) -->
<!-- Texas English Language Proficiency Assessment System (TELPAS) reading
(Grades K-12) -->
<!-- Spanish-version TAKS Reading (Grades 3-5) -->
<!-- TAKS Reading (Grades 3-9) -->
<!-- TAKS Mathematics (Grades 3-10) -->
<!-- TAKS Writing (Grades 4 and 7) -->
<!-- TAKS Science (Grades 5,8, and 10) -->
<!-- TAKS English Language Arts (Grade 10) -->
<!-- TAKS Social Studies (Grades 8 and 10) -->
<!-- TAKS Exit Level Mathematics -->
<!-- TAKS Exit Level Science -->
<!-- TAKS Exit Level Language Arts -->
<!-- TAKS Exit Level Social Studies -->
<!-- State Developed Alternative assessment -->
<!-- TELPAS writing (Grades K-12) -->
<!-- TELPAS speaking (Grades K-12) -->
<!-- TELPAS listening (Grades K-12) -->
<!-- TAKS (Accommodated) Reading (Grades 3-9) -->
<!-- TAKS (Accommodated) Mathematics (Grades 3-10) -->
<!-- TAKS (Accommodated) Writing (Grades 4, 7) -->
<!-- TAKS (Accommodated) Science (Grades 5, 8, 10) -->
<!-- TAKS (Accommodated) English Language Arts (Grade 10) -->
<!-- TAKS (Accommodated) Social Studies (Grades 8, 10) -->
<!-- TAKS (Accommodated) Exit Level Mathematics -->
<!-- TAKS (Accommodated) Exit Level Science -->
<!-- TAKS (Accommodated) Exit Level English Language Arts -->
<!-- TAKS (Accommodated) Exit Level Social Studies -->
<!-- TAKS-M Reading (Grades 3-9) -->
<!-- TAKS-M Mathematics (Grades 3-11) -->
<!-- TAKS-M Writing (Grades 4, 7) -->
<!-- TAKS-M Science (Grades 5, 8, 10, 11) -->
<!-- TAKS-M English Language Arts (Grades 10, 11) -->
<!-- TAKS-M Social Studies (Grades 8, 10, 11) -->
<!-- TAKS-Alt Reading (Grades 3-9) -->
<!-- TAKS-Alt Mathematics (Grades 3-11) -->
<!-- TAKS-Alt Writing (Grades 4, 7) -->
<!-- TAKS-Alt Science (Grades 5, 8 , 10,11) -->
<!-- TAKS-Alt English Language Arts (Grades 10, 11) -->
<!-- TAKS-Alt Social Studies (Grades 8, 10, 11) -->
<!-- Linguistically Accommodated Testing (LAT) TAKS Reading (Grades 3-8) -->
<!-- Spanish-version LAT TAKS Reading (Grades 3-5) -->
<!-- Spanish-version TAKS Mathematics (Grades 3-5) -->
<!-- LAT TAKS Mathematics (Grades 3-8, 10) -->
<!-- Spanish-version LAT TAKS Mathematics (Grades 3-5) -->
<!-- Spanish-version TAKS Writing (Grade 4) -->

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<!-- LAT TAKS Science (Grades 5, 8, 10) -->
<!-- Spanish-version LAT TAKS Science (Grade 5) -->
<!-- LAT TAKS English Language Arts (Grade 10) -->
<!-- Spanish-version TAKS (Accommodated) Reading (Grades 3-5) -->
<!-- Spanish-version TAKS (Accommodated) Mathematics (Grades 3-5) -->
<!-- Spanish-version TAKS (Accommodated) Writing (Grade 4) -->
<!-- Spanish-version TAKS (Accommodated) Science (Grade 5) -->
<!-- LAT TAKS-M Reading (Grades 3-8) -->
<!-- LAT TAKS-M Mathematics (Grades 3-8, 10) -->
<!-- LAT TAKS-M Science (Grades 5, 8, 10) -->
<!-- LAT TAKS-M English Language Arts (Grade 10) -->
<!-- TELPAS Reading (Grades K-12) -->
<!-- TAKS Exit Level Mathematics - Substitution -->
<!-- TAKS Exit Level Science - Substitution -->
<!-- TAKS Exit Level Language Arts - Substitution -->
<!-- TAKS Exit Level Social Studies - Substitution -->
<!-- Grade 3 English Reading -->
<!-- Grade 3 English Mathematics -->
<!-- Grade 3 Spanish Reading -->
<!-- Grade 3 Spanish Mathematics -->
<!-- Grade 4 English Reading -->
<!-- Grade 4 English Mathematics -->
<!-- Grade 4 English Writing -->
<!-- Grade 4 Spanish Reading -->
<!-- Grade 4 Spanish Mathematics -->
<!-- Grade 4 Spanish Writing -->
<!-- Grade 5 English Reading -->
<!-- Grade 5 English Mathematics -->
<!-- Grade 5 English Science -->
<!-- Grade 5 Spanish Reading -->
<!-- Grade 5 Spanish Mathematics -->
<!-- Grade 5 Spanish Science -->
<!-- Grade 6 Reading -->
<!-- Grade 6 Mathematics -->
<!-- Grade 7 Reading -->
<!-- Grade 7 Mathematics -->
<!-- Grade 7 Writing -->
<!-- Grade 8 Reading -->
<!-- Grade 8 Mathematics -->
<!-- Grade 8 Science -->
<!-- Grade 8 Social Studies -->
<!-- Grade 3 Mathematics (STAAR L) -->
<!-- Grade 4 Mathematics (STAAR L) -->
<!-- Grade 5 Mathematics (STAAR L) -->
<!-- Grade 5 Science (STAAR L) -->
<!-- Grade 6 Mathematics (STAAR L) -->
<!-- Grade 7 Mathematics (STAAR L) -->
<!-- Grade 8 Mathematics (STAAR L) -->
<!-- Grade 8 Science (STAAR L) -->
<!-- Grade 8 Social Studies (STAAR L) -->
<!-- Grade 3 Reading (Modified) -->
<!-- Grade 3 Mathematics (Modified) -->
<!-- Grade 4 Reading (Modified) -->
<!-- Grade 4 Mathematics (Modified) -->
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Appendix C – TReX XSD Graphical Representation

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<!-- Grade 5 Reading (Modified) -->  
<!-- Grade 5 Mathematics (Modified) -->  
<!-- Grade 5 Science (Modified) -->  
<!-- Grade 6 Reading (Modified) -->  
<!-- Grade 6 Mathematics (Modified) -->  
<!-- Grade 7 Reading (Modified) -->  
<!-- Grade 7 Mathematics (Modified) -->  
<!-- Grade 7 Writing (Modified) -->  
<!-- Grade 8 Reading (Modified) -->  
<!-- Grade 8 Mathematics (Modified) -->  
<!-- Grade 8 Science (Modified) -->  
<!-- Grade 8 Social Studies (Modified) -->  
<!-- Grade 3 Reading (Alternate) -->  
<!-- Grade 3 Mathematics (Alternate) -->  
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<!-- Grade 4 Mathematics (Alternate) -->  
<!-- Grade 4 Writing (Alternate) -->  
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<!-- Grade 5 Mathematics (Alternate) -->  
<!-- Grade 5 Science (Alternate) -->  
<!-- Grade 6 Reading (Alternate) -->  
<!-- Grade 6 Mathematics (Alternate) -->  
<!-- Grade 7 Reading (Alternate) -->  
<!-- Grade 7 Mathematics (Alternate) -->  
<!-- Grade 7 Writing (Alternate) -->  
<!-- Grade 8 Reading (Alternate) -->  
<!-- Grade 8 Mathematics (Alternate) -->  
<!-- Grade 8 Science (Alternate) -->  
<!-- Grade 8 Social Studies (Alternate) -->  
<!-- English III Reading (EOC) -->  
<!-- English III Writing (EOC) -->  
<!-- Algebra I (EOC) -->  
<!-- Geometry (EOC) -->  
<!-- Algebra II (EOC) -->  
<!-- Biology (EOC) -->  
<!-- Chemistry (EOC) -->  
<!-- Physics (EOC) -->  
<!-- U.S. History (EOC) -->  
<!-- World History (EOC) -->  
<!-- World Geography (EOC) -->  
<!-- English I (EOC) -->  
<!-- English II (EOC) -->  
<!-- English III (EOC) -->  
<!-- Algebra I (EOC, STAAR L) -->  
<!-- Geometry (EOC, STAAR L) -->  
<!-- Algebra II (EOC, STAAR L) -->  
<!-- Biology (EOC, STAAR L) -->  
<!-- Chemistry (EOC, STAAR L) -->  
<!-- Physics (EOC, STAAR L) -->  
<!-- U.S. History (EOC, STAAR L) -->  
<!-- World History (EOC, STAAR L) -->  
<!-- World Geography (EOC, STAAR L) -->  
<!-- English I Reading (EOC, Modified) -->  
<!-- English I Writing (EOC, Modified) -->
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Appendix C – TReX XSD Graphical Representation

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<!-- English II Reading (EOC, Modified) -->
<!-- English II Writing (EOC, Modified) -->
<!-- English III Reading (EOC, Modified) -->
<!-- English III Writing (EOC, Modified) -->
<!-- Algebra I (EOC, Modified) -->
<!-- Geometry (EOC, Modified) -->
<!-- Biology (EOC, Modified) -->
<!-- U.S. History (EOC, Modified) -->
<!-- World History (EOC, Modified) -->
<!-- World Geography (EOC, Modified) -->
<!-- English I (EOC, Modified) -->
<!-- English II (EOC, Modified) -->
<!-- English I (EOC, Alternate) -->
<!-- English II (EOC, Alternate) -->
<!-- English III (EOC, Alternate) -->
<!-- Algebra I (EOC, Alternate) -->
<!-- Geometry (EOC, Alternate) -->
<!-- Biology (EOC, Alternate) -->
<!-- U.S. History (EOC, Alternate) -->
<!-- World History (EOC, Alternate) -->
<!-- World Geography (EOC, Alternate) -->
<!-- English I (EOC, STAAR Alternate 2) -->
<!-- English II (EOC, STAAR Alternate 2) -->
<!-- Algebra I (EOC, STAAR Alternate 2) -->
<!-- Biology (EOC, STAAR Alternate 2) -->
<!-- U.S. History (EOC, STAAR Alternate 2) -->
<!-- Grade 3 Reading (Alternate 2) -->
<!-- Grade 3 Mathematics (Alternate 2) -->
<!-- Grade 4 Reading (Alternate 2) -->
<!-- Grade 4 Mathematics (Alternate 2) -->
<!-- Grade 4 Writing (Alternate 2) -->
<!-- Grade 5 Reading (Alternate 2) -->
<!-- Grade 5 Mathematics (Alternate 2) -->
<!-- Grade 5 Science (Alternate 2) -->
<!-- Grade 6 Reading (Alternate 2) -->
<!-- Grade 6 Mathematics (Alternate 2) -->
<!-- Grade 7 Reading (Alternate 2) -->
<!-- Grade 7 Mathematics (Alternate 2) -->
<!-- Grade 7 Writing (Alternate 2) -->
<!-- Grade 8 Reading (Alternate 2) -->
<!-- Grade 8 Mathematics (Alternate 2) -->
<!-- Grade 8 Science (Alternate 2) -->
<!-- Grade 8 Social Studies (Alternate 2) -->
<!-- English I (EOC, STAAR A) -->
<!-- English II (EOC, STAAR A) -->
<!-- Algebra I (EOC, STAAR A) -->
<!-- Biology (EOC, STAAR A) -->
<!-- U.S. History (EOC, STAAR A) -->
<!-- Grade 3 Reading (STAAR A) -->
<!-- Grade 3 Mathematics (STAAR A) -->
<!-- Grade 4 Reading (STAAR A) -->
<!-- Grade 4 Mathematics (STAAR A) -->
<!-- Grade 4 Writing (STAAR A) -->
<!-- Grade 5 Reading (STAAR A) -->
<!-- Grade 5 Mathematics (STAAR A) -->
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--	--

simpleType **TestScoreType**

namespace	urn:us:tx:state:tea:TRExv1.20									
type	restriction of xs:token									
properties	base xs:token									
used by	elements AssessmentSubTestType/SubTestScore AssessmentType/TestScore									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	6	
Kind	Value	Annotation								
minLength	1									
maxLength	6									
source	<pre> <xs:simpleType name="TestScoreType"> <xs:restriction base="xs:token"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType **TexasGrantType**

namespace	urn:us:tx:state:tea:TRExv1.20																		
type	restriction of xs:token																		
properties	base xs:token																		
used by	element AcademicStatusType/TexasGrant																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>4</td> <td></td> </tr> <tr> <td>enumeration</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5	
Kind	Value	Annotation																	
enumeration	1																		
enumeration	2																		
enumeration	3																		
enumeration	4																		
enumeration	5																		
source	<pre> <xs:simpleType name="TexasGrantType"> <xs:restriction base="xs:token"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> </xs:restriction> </xs:simpleType> </pre>																		

	<pre> <xs:enumeration value="4"/> <xs:enumeration value="5"/> <!-- Student is on track to complete the requirements of the SBOE-approved Recommended High School Program. --> <!-- Student is on track to complete the requirements of the SBOE-approved Distinguished High School Program. --> <!-- Student is on track to complete the requirements of the SBOE-approved Minimum High School Program. --> <!-- Student is exempt from requirements to complete at least the requirements of the SBOE-approved Recommended High School Program. --> <!-- Student is on track to complete the portion of the recommended graduation program that is available to the student at a high school that certifies to the commissioner of education that not all the necessary courses for the recommended program were offered (TEC 51.803(d)(2) and 56.304(f)(1)) --> </xs:restriction> </xs:simpleType> </pre>
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simpleType **TitleType**

namespace	urn:us:tx:state:tea:TReX:v1.20																					
type	restriction of xs:token																					
properties	base xs:token																					
used by	element SpecialProgramsType/TitleI																					
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>A</td> <td></td> </tr> <tr> <td>enumeration</td> <td>6</td> <td></td> </tr> <tr> <td>enumeration</td> <td>7</td> <td></td> </tr> <tr> <td>enumeration</td> <td>8</td> <td></td> </tr> <tr> <td>enumeration</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	A		enumeration	6		enumeration	7		enumeration	8		enumeration	9	
Kind	Value	Annotation																				
enumeration	0																					
enumeration	A																					
enumeration	6																					
enumeration	7																					
enumeration	8																					
enumeration	9																					
source	<pre> <xs:simpleType name="TitleIType"> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="A"/> <xs:enumeration value="6"/> <xs:enumeration value="7"/> <xs:enumeration value="8"/> <xs:enumeration value="9"/> <!-- Student attends a school that is not designated by district as Title I, Part A and student doesn't receive any Title 1, Part A funded services, or student attends a Title I, Part A targeted assistance school, but doesn't presently participate in Title I, Part A funded services and has not previously participated in Title I, Part A services at the school in which the student is currently enrolled. --> <!-- The student resides in a facility for the neglected, attends a non-Title I campus, and receives Title I, Part A services through a Title I, Part A program that is run through the central administration office. --> <!-- The student attends a Title I, Part A schoolwide program school. --> <!-- The student attends a Title I, Part A targeted assistance school and participates in Title I, Part A programs and/or services. --> </xs:restriction> </xs:simpleType> </pre>																					

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	<pre> <!-- The student attends a Title I, Part A targeted assistance school and does not currently participate in Title I, Part A programs and/or services, but previously participated in Title I, Part A programs and/or services at this school. --> <!-- Student does not attend a school that is designated by the district as a Title I, Part A school; however, the student receives Title I, Part A services because the student is homeless. --> </xs:restriction> </xs:simpleType> </pre>
--	---

simpleType WithdrawGradeType

namespace	urn:us:tx:state:tea:TREx:v1.20									
type	restriction of xs:token									
properties	base xs:token									
used by	element CourseType/WithdrawGrade									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>15</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	15	
Kind	Value	Annotation								
minLength	1									
maxLength	15									
source	<pre> <xs:simpleType name="WithdrawGradeType"> <xs:restriction base="xs:token"> <xs:minLength value="1"/> <xs:maxLength value="15"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType WithdrawReasonType

namespace	urn:us:tx:state:tea:TREx:v1.20																																							
type	restriction of xs:token																																							
properties	base xs:token																																							
used by	element EnrollmentType/WithdrawReason																																							
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>03</td><td></td></tr> <tr><td>enumeration</td><td>16</td><td></td></tr> <tr><td>enumeration</td><td>24</td><td></td></tr> <tr><td>enumeration</td><td>60</td><td></td></tr> <tr><td>enumeration</td><td>66</td><td></td></tr> <tr><td>enumeration</td><td>78</td><td></td></tr> <tr><td>enumeration</td><td>81</td><td></td></tr> <tr><td>enumeration</td><td>82</td><td></td></tr> <tr><td>enumeration</td><td>83</td><td></td></tr> <tr><td>enumeration</td><td>85</td><td></td></tr> <tr><td>enumeration</td><td>86</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	01		enumeration	03		enumeration	16		enumeration	24		enumeration	60		enumeration	66		enumeration	78		enumeration	81		enumeration	82		enumeration	83		enumeration	85		enumeration	86	
Kind	Value	Annotation																																						
enumeration	01																																							
enumeration	03																																							
enumeration	16																																							
enumeration	24																																							
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enumeration	85																																							
enumeration	86																																							

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	enumeration 87 enumeration 88 enumeration 89 enumeration 90 enumeration 98 enumeration 99
source	<pre> <xs:simpleType name="WithdrawReasonType"> <xs:restriction base="xs:token"> <xs:enumeration value="01"/> <xs:enumeration value="03"/> <xs:enumeration value="16"/> <xs:enumeration value="24"/> <xs:enumeration value="60"/> <xs:enumeration value="66"/> <xs:enumeration value="78"/> <xs:enumeration value="81"/> <xs:enumeration value="82"/> <xs:enumeration value="83"/> <xs:enumeration value="85"/> <xs:enumeration value="86"/> <xs:enumeration value="87"/> <xs:enumeration value="88"/> <xs:enumeration value="89"/> <xs:enumeration value="90"/> <xs:enumeration value="98"/> <xs:enumeration value="99"/> <!-- Graduated From A Campus In This District Or Charter --> <!-- Died --> <!-- Return to Home Country --> <!-- College, Pursue Associate's or Bachelor's Degree --> <!-- Home Schooling --> <!-- Removed-Child Protective Srvs --> <!-- Expelled For Offense Under TEC 37.007, Cannot Return --> <!-- Enrolled In TX Private School --> <!-- Enrolled In School Outside Texas --> <!-- Withdrawn By District Because Not Entitled to Enroll --> <!-- Graduated Outside Texas Before Entering A Texas Public School-Entered A Texas Public School-Left Again --> <!-- GED outside Texas --> <!-- Enrolled in University High School Diploma Program --> <!-- Court-ordered to a GED program, has not earned a GED --> <!-- Incarcerated in a state jail or federal penitentiary as an adult --> <!-- Graduated from another state under provisions of the Interstate Compact on Education Opportunity for Military Children --> <!-- Other --> <!-- Transferred to another district --> </xs:restriction> </xs:simpleType> </pre>

simpleType **YearRangeType**

namespace	urn:us:tx:state:tea:TRExv1.20
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type	restriction of xs:token
properties	base xs:token
used by	elements DualLanguageImmersionType/CompletionSchoolYear AcademicSessionType/SchoolYear CurrentCourseworkType/SchoolYear
facets	Kind Value Annotation pattern [0-9]{4}-[0-9]{4}
source	<pre><xs:simpleType name="YearRangeType"> <xs:restriction base="xs:token"> <xs:pattern value="[0-9]{4}-[0-9]{4}"/> </xs:restriction> </xs:simpleType></pre>

simpleType **YMDType**

namespace	urn:us:tx:state:tea:TRExv1.20
type	restriction of xs:token
properties	base xs:token
used by	elements StudentDemographicType/BirthDate AcademicStatusType/CertificateDate AcademicSummaryType/ClassRankingDate DisciplineActionType/DisciplineActionDate EnrollmentType/EntryDate EnrollmentType/ExitDate StudentDemographicType/HomeLanguageSurveyDateAdministered ImmunizationType/ImmunizationDate EnrollmentType/WithdrawDate
facets	Kind Value Annotation pattern [0-9]{4}-[01]?[0-9]-[0123]?[0-9]
source	<pre><xs:simpleType name="YMDType"> <xs:restriction base="xs:token"> <xs:pattern value="[0-9]{4}-[01]?[0-9]-[0123]?[0-9]"/> </xs:restriction> </xs:simpleType></pre>

simpleType **YMType**

namespace	urn:us:tx:state:tea:TRExv1.20
type	restriction of xs:token
properties	base xs:token
used by	elements DualLanguageImmersionType/AssessmentMetDate AcademicStatusType/CPRMetDate AssessmentType/ExitRequirementMetDate AcademicStatusType/GraduationDate PerfAckApIbType/MetDate PerfAckCollegeAssessType/MetDate PerfAckBilingBilitType/MetDate PerfAckCertLicType/MetDate PerfAckDualCreditType/MetDate AcademicStatusType/POIIMetDate AcademicStatusType/SpeechMetDate AssessmentType/TestDate
facets	Kind Value Annotation pattern [0-9]{4}-[01]?[0-9]
source	<pre><xs:simpleType name="YMType"> <xs:restriction base="xs:token"> <xs:pattern value="[0-9]{4}-[01]?[0-9]"/> </xs:restriction> </xs:simpleType></pre>

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XML Schema documentation generated by [XMLSpy](http://www.altova.com/xmlspy) Schema Editor <http://www.altova.com/xmlspy>