

**STAAR
2012 Correlation
Estimates**

**STAAR English 3–8 Assessments
Scale Score Correlations Within Grade**

Grade	STAAR	STAAR	N	Correlation
3	Reading	Mathematics	326,514	0.71
4	Reading	Writing	328,790	0.74
	Reading	Mathematics	332,566	0.68
	Writing	Mathematics	328,949	0.67
5	Reading	Mathematics	345,269	0.71
	Reading	Science	345,472	0.73
	Mathematics	Science	349,796	0.71
6	Reading	Mathematics	345,096	0.70
7	Reading	Writing	343,749	0.77
	Reading	Mathematics	318,662	0.70
	Writing	Mathematics	316,262	0.70
8	Reading	Mathematics	288,533	0.66
	Reading	Science	335,015	0.74
	Reading	Social Studies	334,778	0.73
	Mathematics	Science	286,388	0.74
	Mathematics	Social Studies	285,506	0.64
	Science	Social Studies	338,579	0.78

**STAAR Spanish 3–5 Assessments
Scale Score Correlations Within Grade**

Grade	STAAR	STAAR	N	Correlation
3	Reading	Mathematics	19,535	0.68
4	Reading	Writing	22,641	0.73
	Reading	Mathematics	10,590	0.64
	Writing	Mathematics	10,478	0.62
5	Reading	Mathematics	3,475	0.65
	Reading	Science	3,853	0.70
	Mathematics	Science	2,412	0.69

**STAAR EOC Assessments
Scale Score Correlations Within Grade**

Course	English I Reading	English I Writing	English II Reading	English II Writing	English III Reading	English III Writing
English I Writing	0.75 (333744)					
English II Reading	0.87 (108)	0.83 (109)				
English II Writing	0.81 (109)	0.83 (110)	0.78 (26236)			
English III Writing					0.74 (39333)	
Algebra I	0.56 (245245)	0.57 (245359)	0.56 (1573)	0.60 (1576)		
Geometry	0.47 (77286)	0.56 (77290)	0.57 (2557)	0.55 (2559)		
Algebra II	0.45 (4701)	0.57 (4705)	0.65 (955)	0.61 (947)	0.62 (75)	0.67 (76)
Biology	0.68 (311760)	0.70 (311875)	0.65 (4115)	0.61 (4121)		
Chemistry	0.55 (1024)	0.64 (1024)	0.69 (352)	0.70 (352)	0.53 (1290)	0.52 (1303)
Physics	0.62 (1115)	0.66 (1112)	0.80 (290)	0.80 (297)	0.05 (50)	0.23 (53)
World Geography	0.70 (314625)	0.69 (314727)	0.64 (4004)	0.59 (4011)		
World History	0.63 (5500)	0.63 (5505)	0.68 (548)	0.66 (543)		
U.S. History	0.64 (1796)	0.61 (1798)			0.58 (159)	0.52 (154)

Course	Algebra I	Geometry	Algebra II	Biology	Chemistry	Physics	World Geography	World History
Geometry	0.76 (2444)							
Algebra II	0.82 (65)	0.75 (440)						
Biology	0.65 (237787)	0.68 (78163)	0.68 (5091)					
Chemistry	0.76 (203)	0.77 (782)	0.75 (6660)	0.77 (185)				
Physics	0.69 (587)	0.77 (511)	0.66 (5433)	0.82 (54)	0.83 (431)			
World Geography	0.61 (240116)	0.60 (77165)	0.60 (5172)	0.81 (310455)	0.69 (1120)	0.74 (1119)		
World History	0.55 (4581)	0.66 (1470)	0.63 (1397)	0.75 (5046)	0.61 (2126)	0.73 (180)	0.80 (245)	
U.S. History	0.53 (1394)	0.65 (436)	0.47 (1722)	0.73 (1751)	0.52 (4000)	0.62 (10134)		0.78 (91)