

**2018 STAAR Alternate 2
Raw Score to Scale
Score (RSSS) Conversion
Tables and Conditional
Standard Error of
Measurement (CSEM)**

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**Table C.3.1. 2018 STAAR Alternate 2 Grades 3–5 Mathematics
Conditional Standard Error of Measurement (CSEM)
of Scale Score (SS)**

Raw	Grade 3		Grade 4		Grade 5	
	SS	CSEM	SS	CSEM	SS	CSEM
0	118		124		111	
1	167	41	170	40	160	41
2	193	29	196	28	187	29
3	209	24	211	23	203	24
4	220	21	222	20	214	21
5	229	19	231	19	223	19
6	237	18	239	17	231	17
7	244	17	246	16	237	16
8	250	16	252	16	243	16
9	255	15	257	15	249	15
10	261	15	262	15	254	15
11	265	14	267	14	258	14
12	270	14	272	14	263	14
13	274	14	276	14	267	14
14	279	13	281	13	271	13
15	283	13	285	13	275	13
16	287	13	289	13	279	13
17	291	13	293	13	283	13
18	294	13	297	13	287	13
19	298	13	**300	13	291	13
20	**300	13	304	13	295	13
21	306	13	308	13	**300	13
22	309	13	312	13	303	13
23	313	13	316	13	306	13
24	317	13	320	13	310	13
25	321	13	324	13	314	13
26	325	13	328	13	318	13
27	329	14	332	13	323	14
28	333	14	336	14	327	14
29	338	14	341	14	332	14
30	342	15	345	14	337	15
31	347	15	350	15	342	15
32	353	16	356	15	347	16

(Continued)

Raw	Grade 3		Grade 4		Grade 5	
	SS	CSEM	SS	CSEM	SS	CSEM
33	359	17	362	16	354	17
34	366	18	368	17	360	18
35	***375	19	376	19	368	19
36	383	21	***387	21	***379	21
37	395	25	396	24	390	24
38	411	30	412	29	406	30
39	440	43	440	41	435	42
40	491		490		485	

Notes:

** Level II: Satisfactory Academic Performance

*** Level III: Accomplished Academic Performance

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank, because sufficient information was not available to accurately estimate these values.

**Table C.3.2. 2018 STAAR Alternate 2 Grades 6–8 Mathematics
Conditional Standard Error of Measurement (CSEM)
of Scale Score (SS)**

Raw	Grade 6		Grade 7		Grade 8	
	SS	CSEM	SS	CSEM	SS	CSEM
0	100		101		100	
1	134	44	151	43	137	44
2	162	31	179	30	166	31
3	179	26	195	25	183	26
4	191	23	207	22	196	23
5	202	21	216	20	206	21
6	210	20	224	18	215	19
7	218	19	231	17	222	18
8	225	18	237	16	229	18
9	232	17	243	16	236	17
10	238	17	249	15	242	16
11	244	16	254	15	247	16
12	250	16	259	15	253	15
13	255	16	263	14	258	15
14	260	15	268	14	263	15
15	265	15	272	14	267	15
16	270	15	277	14	272	14
17	274	15	281	14	276	14
18	279	15	286	14	281	14
19	284	15	290	14	285	14
20	288	15	294	14	289	14
21	292	15	**300	14	294	14
22	297	15	303	14	**300	14
23	**300	15	307	14	302	14
24	306	15	312	14	307	14
25	311	15	316	14	311	14
26	315	15	321	15	316	15
27	320	15	326	15	321	15
28	325	16	331	15	325	15
29	331	16	336	16	330	15
30	336	17	341	16	336	16
31	342	17	347	16	341	16
32	349	18	353	17	348	17

(Continued)

Raw	Grade 6		Grade 7		Grade 8	
	SS	CSEM	SS	CSEM	SS	CSEM
33	356	19	360	18	354	18
34	364	20	368	19	***365	19
35	***373	21	***375	21	371	21
36	383	24	387	23	381	23
37	397	27	400	26	394	26
38	415	33	418	32	413	32
39	447	47	449	45	444	46
40	503		502		498	

Notes:

** Level II: Satisfactory Academic Performance

*** Level III: Accomplished Academic Performance

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank, because sufficient information was not available to accurately estimate these values.

**Table C.3.3. 2018 STAAR Alternate 2 Grades 3–5 Reading
Conditional Standard Error of Measurement (CSEM)
of Scale Score (SS)**

Raw	Grade 3		Grade 4		Grade 5	
	SS	CSEM	SS	CSEM	SS	CSEM
0	108		100		100	
1	154	40	141	42	133	46
2	179	28	167	29	162	32
3	193	23	182	24	178	26
4	204	20	192	21	190	23
5	212	18	201	19	199	21
6	219	17	208	18	207	19
7	226	16	215	17	214	18
8	232	16	221	16	221	17
9	238	15	226	16	226	17
10	243	15	231	15	232	16
11	248	15	236	15	237	16
12	253	15	241	15	242	16
13	258	15	246	15	247	16
14	263	15	251	15	252	16
15	268	14	255	15	257	15
16	272	14	260	15	262	15
17	277	14	265	15	267	15
18	282	14	269	15	272	15
19	287	14	274	15	277	15
20	292	14	279	15	282	16
21	296	14	283	15	286	16
22	**300	14	288	15	291	16
23	306	14	293	15	296	16
24	310	14	**300	15	**300	16
25	315	14	303	15	307	16
26	320	14	308	15	312	16
27	325	15	314	16	317	16
28	330	15	319	16	323	17
29	335	15	325	16	329	17
30	340	15	330	17	335	17
31	346	16	336	17	341	18
32	352	16	343	18	348	19

(Continued)

Raw	Grade 3		Grade 4		Grade 5	
	SS	CSEM	SS	CSEM	SS	CSEM
33	358	17	350	18	355	20
34	365	18	358	19	363	21
35	373	20	367	21	372	22
36	***381	22	377	23	***387	25
37	395	25	***384	26	397	28
38	412	30	408	32	416	34
39	440	42	438	45	449	48
40	491		492		507	

Notes:

** Level II: Satisfactory Academic Performance

*** Level III: Accomplished Academic Performance

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank, because sufficient information was not available to accurately estimate these values.

**Table C.3.4. 2018 STAAR Alternate 2 Grades 6–8 Reading
Conditional Standard Error of Measurement (CSEM)
of Scale Score (SS)**

Raw	Grade 6		Grade 7		Grade 8	
	SS	CSEM	SS	CSEM	SS	CSEM
0	100		100		105	
1	138	42	130	42	152	40
2	164	29	157	29	177	28
3	180	24	172	24	192	23
4	191	21	184	21	202	20
5	200	19	192	19	211	18
6	208	18	200	18	218	17
7	215	17	207	17	224	16
8	221	17	213	16	230	15
9	227	16	218	16	235	15
10	232	16	224	15	240	15
11	238	15	229	15	245	14
12	243	15	234	15	250	14
13	248	15	239	15	254	14
14	253	15	244	15	259	14
15	258	15	249	15	263	14
16	263	15	253	15	268	14
17	268	15	258	15	272	14
18	273	15	263	15	277	14
19	278	15	268	15	281	14
20	282	15	272	15	285	14
21	287	15	277	15	290	14
22	292	15	282	15	294	14
23	297	15	287	15	**300	14
24	**300	15	292	15	303	14
25	307	15	297	15	308	14
26	312	15	**300	15	312	14
27	318	15	307	15	317	14
28	323	16	312	16	322	15
29	329	16	317	16	327	15
30	334	16	323	16	332	15
31	340	17	329	17	338	16
32	347	17	335	17	344	16

(Continued)

Raw	Grade 6		Grade 7		Grade 8	
	SS	CSEM	SS	CSEM	SS	CSEM
33	354	18	342	18	350	17
34	362	19	350	19	357	18
35	***371	21	359	21	365	19
36	381	23	***371	23	***379	21
37	394	26	383	26	387	24
38	413	32	401	32	404	30
39	444	45	432	45	432	42
40	497		486		483	

Notes:

** Level II: Satisfactory Academic Performance

*** Level III: Accomplished Academic Performance

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank, because sufficient information was not available to accurately estimate these values.

**Table C.3.5. 2018 STAAR Alternate 2 Grade 4 and Grade 7 Writing
Conditional Standard Error of Measurement (CSEM)
of Scale Score (SS)**

Raw	Grade 4		Grade 7	
	SS	CSEM	SS	CSEM
0	100		100	
1	129	47	137	44
2	160	33	166	30
3	178	27	182	25
4	191	24	194	22
5	201	21	203	20
6	210	20	211	18
7	217	19	218	17
8	224	18	225	17
9	230	17	231	16
10	236	17	236	16
11	241	16	241	15
12	247	16	246	15
13	252	16	251	15
14	257	15	256	15
15	261	15	261	15
16	266	15	266	15
17	271	15	270	14
18	275	15	275	14
19	280	15	279	14
20	285	15	284	14
21	289	15	288	14
22	294	15	293	14
23	**300	15	297	14
24	304	15	**300	15
25	308	15	307	15
26	313	16	311	15
27	318	16	316	15
28	324	16	321	15
29	329	17	327	16
30	335	17	332	16
31	341	18	338	17
32	347	18	344	17

(Continued)

Raw	Grade 4		Grade 7	
	SS	CSEM	SS	CSEM
33	355	19	351	18
34	***363	20	***359	19
35	372	22	367	21
36	382	24	378	23
37	396	28	391	26
38	415	34	409	32
39	448	48	440	45
40	506		494	

Notes:

** Level II: Satisfactory Academic Performance

*** Level III: Accomplished Academic Performance

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank, because sufficient information was not available to accurately estimate these values.

**Table C.3.6. 2018 STAAR Alternate 2 Grade 5 and Grade 8 Science
Conditional Standard Error of Measurement (CSEM)
of Scale Score (SS)**

Raw	Grade 5		Grade 8	
	SS	CSEM	SS	CSEM
0	111		134	
1	158	40	176	36
2	183	28	199	25
3	197	23	212	21
4	208	20	222	18
5	216	18	230	17
6	224	17	237	16
7	230	16	243	15
8	236	16	248	14
9	241	15	253	14
10	246	15	258	13
11	251	14	263	13
12	256	14	267	13
13	260	14	271	13
14	265	14	275	12
15	269	14	279	12
16	274	14	283	12
17	278	14	287	12
18	282	14	291	12
19	286	14	295	12
20	291	14	**300	12
21	295	14	303	12
22	**300	14	307	13
23	304	14	311	13
24	308	14	315	13
25	313	14	319	13
26	318	15	324	13
27	323	15	328	13
28	328	15	333	14
29	333	16	338	14
30	339	16	343	14
31	345	17	348	15
32	352	17	354	15

(Continued)

Raw	Grade 5		Grade 8	
	SS	CSEM	SS	CSEM
33	359	18	360	16
34	367	19	367	17
35	376	21	374	18
36	***387	23	***382	20
37	400	26	395	22
38	418	31	411	27
39	448	44	437	38
40	500		484	

Notes:

** Level II: Satisfactory Academic Performance

*** Level III: Accomplished Academic Performance

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank, because sufficient information was not available to accurately estimate these values.

**Table C.3.7. 2018 STAAR Alternate 2 Grade 8 Social Studies
Conditional Standard Error of Measurement (CSEM)
of Scale Score (SS)**

Grade 8		
Raw	SS	CSEM
0	110	
1	157	39
2	182	28
3	197	23
4	208	20
5	217	18
6	224	17
7	231	16
8	236	15
9	242	15
10	247	14
11	252	14
12	256	14
13	261	14
14	265	13
15	270	13
16	274	13
17	278	13
18	282	13
19	286	13
20	290	13
21	294	13
22	**300	13
23	302	13
24	306	13
25	311	13
26	315	13
27	319	14
28	324	14
29	328	14
30	333	15
31	339	15
32	344	16

(Continued)

Grade 8		
Raw	SS	CSEM
33	350	16
34	357	17
35	365	19
36	***372	21
37	386	24
38	403	29
39	431	41
40	480	

Notes:

** Level II: Satisfactory Academic Performance

*** Level III: Accomplished Academic Performance

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank, because sufficient information was not available to accurately estimate these values.

**Table C.3.8. 2018 STAAR Alternate 2 EOC Mathematics
Conditional Standard Error of Measurement (CSEM)
of Scale Score (SS)**

Algebra I		
Raw	SS	CSEM
0	100	
1	136	43
2	165	31
3	181	25
4	193	22
5	203	21
6	212	19
7	220	18
8	227	18
9	233	17
10	239	17
11	245	16
12	251	16
13	256	16
14	262	15
15	267	15
16	272	15
17	277	15
18	281	15
19	286	15
20	291	15
21	295	15
22	**300	15
23	304	15
24	309	15
25	314	15
26	319	15
27	324	15
28	329	16
29	334	16
30	340	16
31	346	17
32	352	18

(Continued)

Algebra I		
Raw	SS	CSEM
33	***361	19
34	367	20
35	377	21
36	388	24
37	401	27
38	420	33
39	452	46
40	508	

Notes:

** Level II: Satisfactory Academic Performance

*** Level III: Accomplished Academic Performance

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank, because sufficient information was not available to accurately estimate these values.

**Table C.3.9. 2018 STAAR Alternate 2 EOC English
Conditional Standard Error of Measurement (CSEM)
of Scale Score (SS)**

Raw	English I		English II	
	SS	CSEM	SS	CSEM
0	100		100	
1	150	44	139	45
2	179	31	169	32
3	195	25	187	26
4	207	22	200	23
5	217	20	210	21
6	225	19	219	20
7	233	18	227	19
8	239	17	235	18
9	245	16	241	17
10	251	16	248	17
11	256	16	253	16
12	261	15	259	16
13	266	15	264	16
14	271	15	270	15
15	276	15	275	15
16	280	15	280	15
17	285	14	284	15
18	289	14	289	15
19	294	14	294	15
20	**300	14	**300	15
21	303	14	303	15
22	307	14	308	15
23	312	15	312	15
24	317	15	317	15
25	321	15	322	15
26	326	15	326	15
27	331	15	331	15
28	336	15	336	16
29	341	16	342	16
30	347	16	347	16
31	353	17	353	17
32	359	18	359	17

(Continued)

Raw	English I		English II	
	SS	CSEM	SS	CSEM
33	***367	18	***366	18
34	374	20	374	20
35	383	21	382	21
36	394	23	393	23
37	407	27	406	27
38	426	32	425	33
39	457	46	456	46
40	512		512	

Notes:

** Level II: Satisfactory Academic Performance

*** Level III: Accomplished Academic Performance

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank, because sufficient information was not available to accurately estimate these values.

**Table C.3.10. 2018 STAAR Alternate 2 EOC Science
Conditional Standard Error of Measurement (CSEM)
of Scale Score (SS)**

Raw	Biology	
	SS	CSEM
0	131	
1	173	36
2	195	25
3	209	21
4	219	18
5	227	17
6	234	16
7	240	15
8	245	14
9	250	14
10	255	13
11	259	13
12	264	13
13	268	13
14	272	12
15	276	12
16	280	12
17	283	12
18	287	12
19	291	12
20	295	12
21	**300	12
22	302	12
23	306	12
24	310	12
25	314	12
26	318	13
27	322	13
28	327	13
29	331	13
30	336	14
31	341	14
32	346	15

(Continued)

Biology		
Raw	SS	CSEM
33	352	15
34	358	16
35	366	17
36	374	19
37	***383	22
38	401	27
39	426	38
40	472	

Notes:

** Level II: Satisfactory Academic Performance

*** Level III: Accomplished Academic Performance

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank, because sufficient information was not available to accurately estimate these values.

**Table C.3.11. 2018 STAAR Alternate 2 EOC Social Studies
Conditional Standard Error of Measurement (CSEM)
of Scale Score (SS)**

U.S. History		
Raw	SS	CSEM
0	106	
1	152	39
2	177	27
3	192	22
4	202	20
5	211	18
6	218	17
7	225	16
8	231	15
9	236	15
10	241	14
11	246	14
12	251	14
13	255	14
14	260	14
15	264	14
16	269	13
17	273	13
18	277	13
19	282	13
20	286	13
21	290	13
22	295	14
23	**300	14
24	304	14
25	308	14
26	313	14
27	318	14
28	322	14
29	328	15
30	333	15
31	338	15
32	344	16

(Continued)

U.S. History		
Raw	SS	CSEM
33	351	17
34	358	18
35	***368	19
36	376	21
37	388	24
38	405	29
39	433	41
40	482	

Notes:

** Level II: Satisfactory Academic Performance

*** Level III: Accomplished Academic Performance

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank, because sufficient information was not available to accurately estimate these values.