

**STAAR Alternate 2
2016 Raw Score to Scale
Score (RSSS) Conversion
Tables and Conditional
Standard Error of
Measurement (CSEM)**

2016
 STAAR ALTERNATE 2 3–5 MATHEMATICS
 Conditional Standard Error of Measurement (CSEM)
 Scale Score (SS)

Raw	Grade 3		Grade 4		Grade 5	
	SS	CSEM	SS	CSEM	SS	CSEM
0	111		116		111	
1	159	41	163	40	159	40
2	186	29	188	28	185	28
3	201	24	203	23	200	23
4	212	21	213	20	211	20
5	221	19	222	18	220	18
6	229	18	229	17	227	17
7	236	17	235	16	233	16
8	242	16	241	15	239	15
9	247	15	246	15	245	15
10	252	15	251	14	250	14
11	257	15	256	14	254	14
12	262	14	261	14	259	14
13	267	14	265	14	263	14
14	271	14	270	14	268	13
15	275	14	274	14	272	13
16	280	14	279	14	276	13
17	284	13	283	13	280	13
18	288	13	287	13	284	13
19	292	13	291	13	288	13
20	296	13	296	14	292	13
21	**300	13	**300	14	296	13
22	304	14	304	14	**300	13
23	308	14	309	14	304	13
24	313	14	313	14	308	14
25	317	14	318	14	313	14
26	321	14	322	14	317	14
27	326	14	327	14	322	14
28	331	15	332	15	326	14
29	336	15	337	15	331	15
30	341	15	343	15	337	15
31	347	16	348	16	342	16
32	353	17	355	16	348	16
33	359	17	361	17	354	17
34	367	18	369	18	361	18
35	***375	20	377	19	369	19
36	384	22	***387	21	***379	21
37	396	24	399	24	390	24

** Recommended Level II

*** Recommended Level III

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

2016
 STAAR ALTERNATE 2 3–5 MATHEMATICS
 Conditional Standard Error of Measurement (CSEM)
 Scale Score (SS)

Raw	Grade 3		Grade 4		Grade 5	
	SS	CSEM	SS	CSEM	SS	CSEM
38	413	30	415	29	407	29
39	440	42	443	41	434	42
40	490		492		484	

** Recommended Level II

*** Recommended Level III

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

2016
 STAAR ALTERNATE 2 6–8 MATHEMATICS
 Conditional Standard Error of Measurement (CSEM)
 Scale Score (SS)

Raw	Grade 6		Grade 7		Grade 8	
	SS	CSEM	SS	CSEM	SS	CSEM
0	100		101		100	
1	140	43	150	42	136	44
2	166	30	177	29	165	31
3	182	25	192	24	182	25
4	194	22	203	21	194	22
5	203	20	212	19	203	20
6	212	19	220	18	212	19
7	219	18	226	17	219	18
8	226	18	233	16	225	17
9	233	17	238	16	231	16
10	239	17	244	15	237	16
11	245	17	249	15	242	15
12	251	17	254	15	247	15
13	257	17	259	15	252	15
14	263	16	263	15	256	14
15	268	16	268	14	261	14
16	274	16	273	14	265	14
17	279	16	277	14	270	14
18	285	16	282	14	274	14
19	290	16	286	14	278	14
20	295	16	291	14	283	14
21	**300	15	295	14	287	14
22	305	15	**300	14	291	14
23	310	15	305	14	296	14
24	315	15	309	15	**300	14
25	320	15	314	15	305	15
26	325	16	319	15	309	15
27	330	16	324	15	314	15
28	336	16	329	15	319	15
29	341	16	334	16	324	16
30	347	17	340	16	330	16
31	353	17	346	16	335	17
32	359	18	352	17	342	17
33	366	18	359	18	348	18
34	***373	19	366	19	356	19
35	382	21	***375	20	***365	21
36	392	23	385	23	375	23
37	405	26	398	26	388	26

** Recommended Level II

*** Recommended Level III

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

2016
 STAAR ALTERNATE 2 6–8 MATHEMATICS
 Conditional Standard Error of Measurement (CSEM)
 Scale Score (SS)

Raw	Grade 6		Grade 7		Grade 8	
	SS	CSEM	SS	CSEM	SS	CSEM
38	423	32	416	31	406	32
39	453	46	446	44	436	45
40	507		499		490	

** Recommended Level II

*** Recommended Level III

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

2016
 STAAR ALTERNATE 2 3–5 READING
 Conditional Standard Error of Measurement (CSEM)
 Scale Score (SS)

Raw	Grade 3		Grade 4		Grade 5	
	SS	CSEM	SS	CSEM	SS	CSEM
0	100		100		100	
1	148	41	135	42	120	46
2	174	29	161	29	149	32
3	189	23	176	24	167	27
4	200	20	187	21	179	23
5	209	19	196	19	189	21
6	216	17	204	18	197	20
7	223	16	211	17	205	19
8	229	16	217	16	212	18
9	234	15	222	16	218	17
10	239	15	228	15	224	17
11	244	14	233	15	230	17
12	249	14	238	15	235	16
13	253	14	243	15	241	16
14	258	14	247	15	246	16
15	262	14	252	15	251	16
16	266	14	257	15	256	16
17	270	14	261	15	261	16
18	275	14	266	15	266	16
19	279	13	271	15	271	15
20	283	13	276	15	276	15
21	287	13	280	15	280	15
22	291	14	285	15	285	15
23	296	14	290	15	290	16
24	**300	14	295	15	295	16
25	304	14	**300	15	**300	16
26	309	14	305	15	305	16
27	313	14	310	16	310	16
28	318	14	316	16	315	16
29	323	15	321	16	321	17
30	328	15	327	16	327	17
31	333	15	333	17	333	18
32	339	16	339	17	339	18
33	345	17	346	18	346	19
34	352	18	354	19	354	20
35	360	19	362	20	363	22
36	369	21	372	22	374	24
37	***381	24	***384	25	***387	28

** Recommended Level II

*** Recommended Level III

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank.
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2016
 STAAR ALTERNATE 2 3–5 READING
 Conditional Standard Error of Measurement (CSEM)
 Scale Score (SS)

Raw	Grade 3		Grade 4		Grade 5	
	SS	CSEM	SS	CSEM	SS	CSEM
38	397	30	402	31	406	34
39	425	42	431	44	438	48
40	475		483		495	

** Recommended Level II

*** Recommended Level III

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

2016
 STAAR ALTERNATE 2 6–8 READING
 Conditional Standard Error of Measurement (CSEM)
 Scale Score (SS)

Raw	Grade 6		Grade 7		Grade 8	
	SS	CSEM	SS	CSEM	SS	CSEM
0	100		100		100	
1	133	42	133	43	138	40
2	159	29	161	30	164	28
3	174	24	177	25	179	23
4	185	21	189	22	189	20
5	194	19	198	20	198	18
6	202	18	206	18	205	17
7	209	17	213	17	212	16
8	215	16	219	16	218	16
9	221	16	225	16	224	15
10	226	16	230	15	229	15
11	232	15	235	15	234	15
12	237	15	240	15	239	14
13	242	15	245	15	244	14
14	247	15	250	15	249	14
15	252	15	254	14	253	14
16	256	15	259	14	258	14
17	261	15	263	14	263	14
18	266	15	268	14	267	14
19	271	15	272	14	272	14
20	276	15	277	14	277	14
21	281	15	281	14	281	14
22	285	15	286	14	286	14
23	290	15	291	14	291	14
24	295	15	295	15	295	14
25	**300	15	**300	15	**300	14
26	305	15	305	15	305	14
27	310	15	310	15	310	14
28	315	15	315	15	315	15
29	320	16	320	16	320	15
30	326	16	326	16	325	15
31	332	16	332	17	330	16
32	338	17	338	17	336	16
33	345	18	345	18	343	17
34	352	19	352	19	350	18
35	361	20	361	21	358	19
36	***371	22	***371	23	367	21
37	383	25	384	26	***379	24

** Recommended Level II

*** Recommended Level III

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

2016
 STAAR ALTERNATE 2 6–8 READING
 Conditional Standard Error of Measurement (CSEM)
 Scale Score (SS)

Raw	Grade 6		Grade 7		Grade 8	
	SS	CSEM	SS	CSEM	SS	CSEM
38	400	31	402	31	396	29
39	430	44	432	44	424	42
40	482		485		474	

** Recommended Level II

*** Recommended Level III

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

2016

STAAR ALTERNATE 2 GRADE 4 AND GRADE 7 WRITING
Conditional Standard Error of Measurement (CSEM)
Scale Score (SS)

Raw	Grade 4		Grade 7	
	SS	CSEM	SS	CSEM
38	414	34	399	31
39	446	48	428	44
40	503		481	

** Recommended Level II

*** Recommended Level III

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

2016
 STAAR ALTERNATE 2 GRADE 5 AND GRADE 8 SCIENCE
 Conditional Standard Error of Measurement (CSEM)
 Scale Score (SS)

Raw	Grade 5		Grade 8	
	SS	CSEM	SS	CSEM
0	100		125	
1	145	40	165	35
2	170	28	187	25
3	186	24	201	21
4	197	21	211	19
5	207	20	220	18
6	215	18	228	17
7	222	18	235	16
8	229	17	242	16
9	235	16	248	15
10	241	16	253	15
11	247	15	259	14
12	252	15	264	14
13	257	15	269	14
14	262	15	274	13
15	267	15	278	13
16	272	14	283	13
17	276	14	287	13
18	281	14	292	13
19	286	14	296	13
20	290	14	**300	13
21	295	14	304	13
22	**300	15	308	13
23	305	15	312	13
24	310	15	317	13
25	315	15	321	13
26	320	15	325	13
27	325	15	329	13
28	330	15	334	13
29	336	16	338	13
30	342	16	343	14
31	347	16	348	14
32	354	17	353	15
33	361	18	359	15
34	368	19	365	16
35	377	20	373	18
36	***387	22	***382	19
37	399	25	393	22

** Recommended Level II
 *** Recommended Level III

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

2016

STAAR ALTERNATE 2 GRADE 5 AND GRADE 8 SCIENCE
Conditional Standard Error of Measurement (CSEM)
Scale Score (SS)

Raw	Grade 5		Grade 8	
	SS	CSEM	SS	CSEM
38	416	30	408	27
39	445	43	434	38
40	496		479	

** Recommended Level II

*** Recommended Level III

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

2016
 STAAR ALTERNATE 2 GRADE 8 SOCIAL STUDIES
 Conditional Standard Error of Measurement (CSEM)
 Scale Score (SS)

Grade 8		
Raw	SS	CSEM
0	102	
1	145	38
2	169	27
3	183	22
4	194	20
5	203	18
6	210	17
7	217	17
8	224	16
9	230	15
10	235	15
11	240	15
12	246	14
13	250	14
14	255	14
15	260	14
16	265	14
17	269	14
18	274	14
19	278	14
20	282	13
21	287	13
22	291	13
23	296	14
24	**300	14
25	304	14
26	309	14
27	314	14
28	319	14
29	324	15
30	329	15
31	334	15
32	340	16
33	347	17
34	354	18
35	362	19
36	***372	21
37	384	24

** Recommended Level II
 *** Recommended Level III

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

2016
STAAR ALTERNATE 2 GRADE 8 SOCIAL STUDIES
Conditional Standard Error of Measurement (CSEM)
Scale Score (SS)

Raw	Grade 8	
	SS	CSEM
38	400	29
39	428	41
40	477	

** Recommended Level II

*** Recommended Level III

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

2016
 STAAR ALTERNATE 2 EOC MATHEMATICS
 Conditional Standard Error of Measurement (CSEM)
 Scale Score (SS)

Raw	Algebra I	
	SS	CSEM
0	100	
1	138	44
2	166	31
3	183	25
4	194	22
5	204	20
6	212	19
7	219	18
8	225	17
9	231	16
10	237	16
11	242	15
12	247	15
13	252	15
14	257	15
15	261	15
16	266	15
17	271	14
18	275	14
19	280	14
20	284	14
21	289	14
22	293	14
23	298	15
24	**300	15
25	307	15
26	312	15
27	316	15
28	321	15
29	327	16
30	332	16
31	338	17
32	344	17
33	350	18
34	***361	19
35	366	21
36	377	23
37	389	26

** Recommended Level II

*** Recommended Level III

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

2016
STAAR ALTERNATE 2 EOC MATHEMATICS
Conditional Standard Error of Measurement (CSEM)
Scale Score (SS)

Raw	Algebra I	
	SS	CSEM
38	407	32
39	438	45
40	492	

** Recommended Level II

*** Recommended Level III

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

2016
 STAAR ALTERNATE 2 EOC ENGLISH I and II
 Conditional Standard Error of Measurement (CSEM)
 Scale Score (SS)

Raw	English I		English II	
	SS	CSEM	SS	CSEM
0	100		100	
1	144	44	142	45
2	173	31	171	31
3	189	25	188	26
4	201	22	200	22
5	210	20	210	20
6	218	18	218	19
7	225	17	225	18
8	231	17	232	17
9	237	16	238	17
10	242	15	243	16
11	247	15	249	16
12	252	15	254	15
13	257	15	259	15
14	261	14	263	15
15	266	14	268	15
16	270	14	273	15
17	274	14	277	15
18	279	14	282	15
19	283	14	286	15
20	287	14	291	15
21	291	14	295	15
22	296	14	**300	15
23	**300	14	305	15
24	304	14	309	15
25	309	14	314	15
26	313	15	319	15
27	318	15	324	15
28	323	15	329	16
29	328	15	334	16
30	333	16	340	16
31	339	16	345	17
32	345	17	352	18
33	351	18	359	18
34	359	19	***366	20
35	***367	21	375	21
36	377	23	386	23
37	390	26	399	27

** Recommended Level II
 *** Recommended Level III

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

2016
STAAR ALTERNATE 2 EOC ENGLISH I and II
Conditional Standard Error of Measurement (CSEM)
Scale Score (SS)

Raw	English I		English II	
	SS	CSEM	SS	CSEM
38	408	32	418	33
39	438	45	449	46
40	492		505	

** Recommended Level II

*** Recommended Level III

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

2016
 STAAR ALTERNATE 2 EOC SCIENCE
 Conditional Standard Error of Measurement (CSEM)
 Scale Score (SS)

Raw	Biology	
	SS	CSEM
0	127	
1	169	36
2	192	25
3	206	21
4	215	18
5	223	17
6	230	16
7	236	15
8	242	14
9	247	14
10	251	13
11	256	13
12	260	13
13	265	13
14	269	13
15	273	12
16	277	12
17	281	12
18	285	12
19	289	12
20	292	12
21	296	12
22	**300	12
23	304	12
24	308	12
25	312	12
26	316	12
27	320	13
28	324	13
29	329	13
30	333	14
31	338	14
32	343	15
33	349	15
34	356	16
35	363	18
36	372	19
37	***383	22

** Recommended Level II

*** Recommended Level III

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

2016
STAAR ALTERNATE 2 EOC SCIENCE
Conditional Standard Error of Measurement (CSEM)
Scale Score (SS)

Raw	Biology	
	SS	CSEM
38	398	27
39	424	38
40	469	

** Recommended Level II

*** Recommended Level III

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

2016
 STAAR ALTERNATE 2 EOC SOCIAL STUDIES
 Conditional Standard Error of Measurement (CSEM)
 Scale Score (SS)

Raw	U.S. History	
	SS	CSEM
0	106	
1	150	38
2	175	27
3	189	22
4	199	20
5	208	18
6	215	17
7	222	16
8	228	15
9	233	15
10	239	15
11	244	14
12	249	14
13	253	14
14	258	14
15	262	13
16	267	13
17	271	13
18	275	13
19	279	13
20	283	13
21	288	13
22	292	13
23	296	13
24	**300	13
25	304	13
26	309	13
27	313	14
28	317	14
29	322	14
30	327	14
31	332	15
32	338	16
33	344	16
34	351	17
35	359	19
36	***368	21
37	380	24

** Recommended Level II

*** Recommended Level III

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

2016
STAAR ALTERNATE 2 EOC SOCIAL STUDIES
Conditional Standard Error of Measurement (CSEM)
Scale Score (SS)

Raw	U.S. History	
	SS	CSEM
38	396	29
39	424	41
40	472	

** Recommended Level II

*** Recommended Level III

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