

**STAAR Alternate 2  
2017 Raw Score to Scale  
Score (RSSS) Conversion  
Tables and Conditional  
Standard Error of  
Measurement (CSEM)**

2017

STAAR ALTERNATE 2 GRADES 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	105		123		113	
1	149	39	169	40	159	40
2	173	28	194	28	184	28
3	188	24	209	23	200	23
4	200	21	220	20	211	21
5	209	20	228	18	220	19
6	217	19	235	17	228	18
7	225	18	242	16	235	17
8	231	17	247	15	241	16
9	238	16	253	15	247	16
10	244	16	258	14	253	15
11	250	16	262	14	259	15
12	255	15	267	14	264	15
13	260	15	271	13	269	14
14	265	15	275	13	273	14
15	270	15	279	13	278	14
16	275	15	283	13	283	14
17	280	14	287	13	287	14
18	285	14	291	13	292	14
19	289	14	295	13	296	14
20	294	14	**300	13	**300	14
21	**300	14	303	13	304	14
22	303	14	307	13	309	14
23	308	14	311	13	313	14
24	312	14	315	13	317	14
25	317	14	319	13	322	14
26	322	15	324	14	326	14
27	326	15	328	14	331	14
28	331	15	333	14	336	14
29	337	15	338	14	340	15
30	342	16	343	15	346	15
31	348	16	348	15	351	16
32	354	17	354	16	357	16
33	360	17	360	17	363	17

\*\* Level II: Satisfactory Academic Performance

\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.  
 Sufficient information was not available to accurately estimate these values.

2017

STAAR ALTERNATE 2 GRADES 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
34	368	18	367	18	370	18
35	***375	20	375	19	***379	19
36	386	22	***387	21	388	21
37	398	25	397	24	400	24
38	415	30	413	29	417	30
39	444	43	441	41	446	42
40	494		490		496	

\*\* Level II: Satisfactory Academic Performance

\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.

Sufficient information was not available to accurately estimate these values.

2017

STAAR ALTERNATE 2 GRADES 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		102		100	
1	138	44	151	42	133	42
2	166	31	179	30	160	30
3	182	25	194	24	176	25
4	194	22	206	21	188	22
5	204	21	215	20	197	20
6	213	19	223	18	206	19
7	220	18	230	17	213	18
8	227	18	237	17	220	17
9	233	17	243	16	226	17
10	240	17	249	16	232	16
11	246	17	254	15	238	16
12	251	16	259	15	243	16
13	257	16	264	15	248	16
14	262	16	269	15	254	15
15	267	16	274	15	259	15
16	273	16	278	15	264	15
17	278	16	283	14	269	15
18	283	15	288	14	274	15
19	288	15	292	14	278	15
20	293	15	297	14	283	15
21	**300	16	**300	14	288	15
22	303	16	306	14	293	15
23	308	16	311	14	298	15
24	314	16	315	15	**300	15
25	319	16	320	15	307	15
26	324	16	325	15	312	15
27	330	16	330	15	317	15
28	336	17	335	15	322	15
29	342	17	340	16	328	16
30	348	17	345	16	333	16
31	354	18	351	16	339	17
32	361	19	357	17	345	17
33	***373	19	364	18	352	18

\*\* Level II: Satisfactory Academic Performance

\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.

Sufficient information was not available to accurately estimate these values.

2017

STAAR ALTERNATE 2 GRADES 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
34	378	21	***375	19	360	19
35	387	22	380	20	***365	21
36	399	24	390	23	379	23
37	413	28	403	26	392	26
38	432	33	421	31	410	32
39	464	47	451	44	440	45
40	520		504		494	

\*\* Level II: Satisfactory Academic Performance

\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.

Sufficient information was not available to accurately estimate these values.

2017  
 STAAR ALTERNATE 2 GRADES 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	108		100		100	
1	155	41	141	43	125	45
2	181	28	168	30	152	31
3	195	23	184	24	168	26
4	206	20	195	21	180	22
5	214	18	204	19	189	21
6	221	17	212	18	197	19
7	228	16	219	17	204	18
8	234	15	225	16	211	18
9	239	15	230	16	217	17
10	244	15	235	15	223	17
11	249	14	240	15	228	17
12	253	14	245	15	234	16
13	258	14	250	14	239	16
14	262	14	254	14	245	16
15	267	14	258	14	250	16
16	271	14	263	14	256	16
17	275	14	267	14	261	16
18	279	14	271	14	267	17
19	284	14	275	14	272	17
20	288	14	280	14	278	17
21	292	14	284	14	283	17
22	297	14	288	14	289	17
23	**300	14	293	14	295	17
24	306	14	297	14	**300	17
25	310	14	**300	15	306	17
26	315	14	306	15	312	17
27	320	14	311	15	318	17
28	325	15	316	15	324	17
29	330	15	322	16	331	18
30	335	15	327	16	337	18
31	340	16	333	17	344	19
32	346	16	339	17	351	19
33	353	17	346	18	359	20

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\*\*\* Level III: Accomplished Academic Performance

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2017  
 STAAR ALTERNATE 2 GRADES 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
34	360	18	353	19	367	21
35	368	20	362	21	377	23
36	***381	22	372	23	***387	25
37	390	25	***384	26	402	28
38	407	30	403	31	422	34
39	435	42	433	45	454	48
40	485		486		512	

\*\* Level II: Satisfactory Academic Performance

\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.  
 Sufficient information was not available to accurately estimate these values.

2017  
 STAAR ALTERNATE 2 GRADES 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	140	42	135	42	148	40
2	166	29	161	29	174	28
3	182	24	176	24	189	23
4	193	21	187	21	200	20
5	201	19	196	19	208	18
6	209	18	203	18	216	17
7	215	17	209	17	223	16
8	221	16	215	16	229	16
9	227	15	221	16	234	15
10	232	15	226	15	240	15
11	237	15	231	15	245	15
12	242	15	236	15	250	14
13	246	14	241	15	254	14
14	251	14	246	15	259	14
15	255	14	251	15	264	14
16	260	14	256	15	268	14
17	264	14	261	15	273	14
18	269	14	266	15	277	14
19	273	14	271	15	281	14
20	278	14	276	15	286	14
21	283	14	281	15	290	14
22	287	15	287	15	295	14
23	292	15	292	15	**300	14
24	297	15	**300	16	303	14
25	**300	15	303	16	308	14
26	307	15	308	16	312	14
27	312	15	314	16	317	14
28	317	16	319	16	322	15
29	322	16	325	16	327	15
30	328	16	331	17	332	15
31	334	17	337	17	338	16
32	341	18	344	18	344	16
33	348	18	351	19	351	17

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\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.  
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2017  
 STAAR ALTERNATE 2 GRADES 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
34	356	20	359	20	358	18
35	365	21	***371	21	366	20
36	***371	23	379	23	***379	22
37	390	26	392	26	389	25
38	408	32	411	32	406	30
39	440	45	442	45	436	42
40	494		496		486	

\*\* Level II: Satisfactory Academic Performance

\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.  
 Sufficient information was not available to accurately estimate these values.

2017  
 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
0	100		100	
1	127	47	134	44
2	158	33	163	31
3	176	27	180	25
4	189	24	192	22
5	199	21	202	20
6	208	20	210	19
7	216	19	217	18
8	222	18	224	17
9	229	17	230	16
10	235	17	235	16
11	240	16	241	15
12	245	16	246	15
13	251	16	251	15
14	256	16	255	15
15	261	15	260	14
16	265	15	265	14
17	270	15	269	14
18	275	15	273	14
19	280	15	278	14
20	284	15	282	14
21	289	15	286	14
22	294	15	291	14
23	**300	15	295	14
24	303	15	**300	14
25	308	16	304	14
26	313	16	308	14
27	318	16	313	15
28	324	16	317	15
29	329	17	322	15
30	335	17	328	16
31	341	17	333	16
32	347	18	339	17
33	354	19	346	18

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\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.  
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2017

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
34	***363	20	353	19
35	371	22	***359	20
36	382	24	372	23
37	395	28	384	26
38	414	34	402	32
39	446	48	433	45
40	503		487	

\*\* Level II: Satisfactory Academic Performance

\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.

Sufficient information was not available to accurately estimate these values.

2017

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	112		129	
1	160	41	169	35
2	186	29	191	25
3	201	23	204	20
4	212	21	213	18
5	221	19	221	17
6	228	17	228	16
7	235	17	234	15
8	241	16	240	15
9	246	15	246	15
10	251	15	251	14
11	256	15	256	14
12	261	14	262	14
13	266	14	266	14
14	271	14	271	14
15	275	14	276	13
16	279	14	281	13
17	284	14	285	13
18	288	14	290	13
19	293	14	294	13
20	297	14	**300	13
21	**300	14	303	13
22	306	14	307	13
23	311	14	312	13
24	315	14	316	13
25	320	14	321	13
26	324	14	325	13
27	329	15	329	13
28	334	15	334	13
29	339	15	339	14
30	345	16	344	14
31	350	16	349	14
32	356	17	355	15
33	363	17	361	16

\*\* Level II: Satisfactory Academic Performance

\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.

Sufficient information was not available to accurately estimate these values.

2017

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
34	370	18	368	17
35	379	20	375	18
36	***387	22	***382	20
37	401	25	395	22
38	418	30	411	27
39	447	43	437	38
40	498		483	

\*\* Level II: Satisfactory Academic Performance

\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.  
Sufficient information was not available to accurately estimate these values.

2017  
 STAAR ALTERNATE 2 GRADE 8 SOCIAL STUDIES  
 Conditional Standard Error of Measurement (CSEM)  
 Scale Score (SS)

<b>Grade 8</b>		
<b>Raw</b>	<b>SS</b>	<b>CSEM</b>
<b>0</b>	101	
<b>1</b>	142	37
<b>2</b>	166	27
<b>3</b>	181	23
<b>4</b>	192	21
<b>5</b>	201	19
<b>6</b>	210	18
<b>7</b>	217	17
<b>8</b>	224	17
<b>9</b>	231	16
<b>10</b>	237	16
<b>11</b>	243	16
<b>12</b>	249	15
<b>13</b>	255	15
<b>14</b>	260	15
<b>15</b>	265	15
<b>16</b>	271	15
<b>17</b>	276	14
<b>18</b>	281	14
<b>19</b>	286	14
<b>20</b>	291	14
<b>21</b>	295	14
<b>22</b>	**300	14
<b>23</b>	305	14
<b>24</b>	310	14
<b>25</b>	314	14
<b>26</b>	319	14
<b>27</b>	324	14
<b>28</b>	329	14
<b>29</b>	334	14
<b>30</b>	339	15
<b>31</b>	344	15
<b>32</b>	350	16
<b>33</b>	356	16

\*\* Level II: Satisfactory Academic Performance

\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.  
 Sufficient information was not available to accurately estimate these values.

2017  
STAAR ALTERNATE 2 GRADE 8 SOCIAL STUDIES  
Conditional Standard Error of Measurement (CSEM)  
Scale Score (SS)

Grade 8		
Raw	SS	CSEM
34	363	17
35	***372	19
36	380	21
37	392	24
38	408	29
39	436	41
40	484	

\*\* Level II: Satisfactory Academic Performance

\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.  
Sufficient information was not available to accurately estimate these values.

2017  
 STAAR ALTERNATE 2 EOC ALGEBRA I  
 Conditional Standard Error of Measurement (CSEM)  
 Scale Score (SS)

Raw	Algebra I	
	SS	CSEM
0	100	
1	141	43
2	169	30
3	185	25
4	197	22
5	206	20
6	215	19
7	222	18
8	229	17
9	235	17
10	241	16
11	247	16
12	252	16
13	258	16
14	263	15
15	268	15
16	273	15
17	278	15
18	282	15
19	287	15
20	292	15
21	296	15
22	**300	15
23	305	15
24	310	15
25	315	15
26	319	15
27	324	15
28	329	15
29	334	16
30	340	16
31	345	17
32	351	17
33	***361	18

\*\* Level II: Satisfactory Academic Performance

\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.  
 Sufficient information was not available to accurately estimate these values.



2017  
STAAR ALTERNATE 2 EOC ALGEBRA I  
Conditional Standard Error of Measurement (CSEM)  
Scale Score (SS)

Raw	Algebra I	
	SS	CSEM
34	366	19
35	374	21
36	384	23
37	397	26
38	415	32
39	446	45
40	501	

\*\* Level II: Satisfactory Academic Performance

\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.  
Sufficient information was not available to accurately estimate these values.

2017  
 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	145	44	140	46
2	174	31	171	32
3	190	25	188	26
4	202	22	201	23
5	212	20	211	21
6	220	18	220	19
7	226	17	227	18
8	233	17	234	17
9	239	16	240	17
10	244	16	246	16
11	249	15	252	16
12	254	15	257	16
13	259	15	262	15
14	264	15	267	15
15	269	15	272	15
16	273	14	276	15
17	278	14	281	15
18	282	14	286	15
19	287	14	290	15
20	291	14	295	15
21	296	14	**300	14
22	**300	14	304	15
23	305	15	308	15
24	309	15	313	15
25	314	15	317	15
26	319	15	322	15
27	324	15	327	15
28	329	16	332	15
29	334	16	337	16
30	340	16	343	16
31	346	17	348	17
32	353	18	355	17
33	360	18	361	18

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\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.  
 Sufficient information was not available to accurately estimate these values.

2017

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
34	***367	20	***366	19
35	376	21	378	21
36	387	23	388	23
37	401	27	401	27
38	419	32	420	33
39	451	46	451	46
40	506		506	

\*\* Level II: Satisfactory Academic Performance

\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.  
Sufficient information was not available to accurately estimate these values.

2017  
 STAAR ALTERNATE 2 EOC BIOLOGY  
 Conditional Standard Error of Measurement (CSEM)  
 Scale Score (SS)

Raw	Biology	
	SS	CSEM
0	123	
1	163	35
2	185	25
3	199	21
4	209	19
5	217	17
6	225	16
7	231	16
8	237	15
9	243	15
10	249	14
11	254	14
12	259	14
13	264	14
14	269	13
15	273	13
16	278	13
17	282	13
18	286	13
19	290	13
20	294	12
21	**300	12
22	303	12
23	307	12
24	311	12
25	315	13
26	319	13
27	323	13
28	327	13
29	332	13
30	337	14
31	341	14
32	347	15
33	352	15

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\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.  
 Sufficient information was not available to accurately estimate these values.

2017  
STAAR ALTERNATE 2 EOC BIOLOGY  
Conditional Standard Error of Measurement (CSEM)  
Scale Score (SS)

<b>Biology</b>		
<b>Raw</b>	<b>SS</b>	<b>CSEM</b>
<b>34</b>	359	16
<b>35</b>	366	17
<b>36</b>	375	19
<b>37</b>	***383	22
<b>38</b>	401	27
<b>39</b>	426	38
<b>40</b>	471	

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\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.  
Sufficient information was not available to accurately estimate these values.

2017  
 STAAR ALTERNATE 2 EOC U.S. HISTORY  
 Conditional Standard Error of Measurement (CSEM)  
 Scale Score (SS)

Raw	U.S. History	
	SS	CSEM
0	100	
1	142	38
2	166	26
3	180	22
4	190	20
5	198	18
6	206	17
7	212	16
8	218	16
9	224	15
10	229	15
11	235	15
12	240	14
13	245	14
14	250	14
15	254	14
16	259	14
17	264	14
18	268	14
19	273	14
20	277	14
21	282	14
22	287	14
23	291	14
24	296	14
25	**300	14
26	305	14
27	310	14
28	315	14
29	320	15
30	325	15
31	331	16
32	337	16
33	344	17

\*\* Level II: Satisfactory Academic Performance

\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.  
 Sufficient information was not available to accurately estimate these values.

2017  
STAAR ALTERNATE 2 EOC U.S. HISTORY  
Conditional Standard Error of Measurement (CSEM)  
Scale Score (SS)

	<b>U.S. History</b>	
<b>Raw</b>	<b>SS</b>	<b>CSEM</b>
<b>34</b>	351	18
<b>35</b>	359	19
<b>36</b>	***368	21
<b>37</b>	381	24
<b>38</b>	398	29
<b>39</b>	426	41
<b>40</b>	475	

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\*\*\* Level III: Accomplished Academic Performance

CSEM at minimum and maximum scores left intentionally blank.  
Sufficient information was not available to accurately estimate these values.