

Appendix I – Scaling Resources

A–F Cut Points Tables

Table 1: Student Achievement Domain: STAAR and CCMR Components

Student Achievement Domain: STAAR and CCMR Component Score Cut Points						
Rating	STAAR				CCMR	
	Elementary	Middle	HS/K-12	AEA	Non-AEA	AEA
<i>A</i>	60	60	60	40	88	60
<i>B</i>	53	49	53	30	78	30
<i>C</i>	41	38	41	20	64	18
<i>D</i>	35	32	35	15	51	12

Table 2: Student Achievement Domain: Graduation Rate Component

Student Achievement Domain: Graduation Rate Component Conversion Table				
Scaled Score	Longitudinal Graduation Rate			
	Non-AEA		AEA	
	Low	High	Low	High
100	100	-	100	-
95	99	99.9	99	99.9
90	98	98.9	98	98.9
85	97	97.9	97	97.9
80	96	96.9	96	96.9
75	95	95.9	92	95.9
70	94	94.9	88	91.9
65	91	93.9	79	87.9
60	88	90.9	70	78.9
55	72	87.9	60	69.9
50	50	71.9	45	59.9
40	30	49.9	30	44.9
30	0	29.9	0	29.9

Table 3: School Progress, Part A Domain

School Progress, Part A: Score Cut Points				
Rating	Elementary	Middle	HS/K-12	AEA
<i>A</i>	80	80	85	80
<i>B</i>	71	68	74	62
<i>C</i>	63	61	68	51
<i>D</i>	56	55	62	35

Table 4: Closing the Gaps Domain

Closing the Gaps Domain Score Cut Points				
Rating	Elementary	Middle	HS/K-12	AEA
<i>A</i>	74	71	74	44
<i>B</i>	60	58	62	31
<i>C</i>	33	34	48	19
<i>D</i>	12	16	37	9

Raw to Scaled Score Conversion Tables

Table 5: Student Achievement: STAAR Component Score

STAAR Component Score	STAAR Component Scaled Score			
	Elementary	Middle	HS/K-12	AEA
100	100	100	100	100
99	100	100	100	100
98	100	100	100	100
97	99	99	99	100
96	99	99	99	99
95	99	99	99	99
94	99	99	99	99
93	98	98	98	99
92	98	98	98	99
91	98	98	98	99
90	98	98	98	98
89	97	97	97	98
88	97	97	97	98
87	97	97	97	98
86	97	97	97	98
85	96	96	96	98
84	96	96	96	97
83	96	96	96	97
82	96	96	96	97
81	95	95	95	97
80	95	95	95	97
79	95	95	95	97
78	95	95	95	96
77	94	94	94	96
76	94	94	94	96
75	94	94	94	96
74	94	94	94	96
73	93	93	93	96
72	93	93	93	95
71	93	93	93	95
70	93	93	93	95
69	92	92	92	95
68	92	92	92	95
67	92	92	92	95
66	92	92	92	94
65	91	91	91	94
64	91	91	91	94
63	91	91	91	94

Table 5: Academic Achievement: STAAR Component Score (continued)

STAAR Component Score	STAAR Component Scaled Score			
	Elementary	Middle	HS/K-12	AEA
62	91	91	91	94
61	90	90	90	94
60	90	90	90	93
59	89	89	89	93
58	88	88	88	93
57	86	87	86	93
56	85	86	85	93
55	83	85	83	93
54	82	85	82	92
53	80	84	80	92
52	79	83	79	92
51	78	82	78	92
50	77	81	77	92
49	77	80	77	92
48	76	79	76	91
47	75	78	75	91
46	74	77	74	91
45	73	76	73	91
44	72	75	72	91
43	72	75	72	91
42	71	74	71	90
41	70	73	70	90
40	69	72	69	90
39	67	71	67	89
38	65	70	65	88
37	64	69	64	87
36	62	67	62	86
35	60	65	60	85
34	59	64	59	84
33	58	62	58	83
32	57	60	57	82
31	56	59	56	81
30	56	58	56	80
29	55	57	55	79
28	54	56	54	78

Table 5: Academic Achievement: STAAR Component Score (continued)

STAAR Component Score	STAAR Component Scaled Score			
	Elementary	Middle	HS/K-12	AEA
27	53	55	53	77
26	52	54	52	76
25	51	53	51	75
24	50	52	50	74
23	50	52	50	73
22	49	51	49	72
21	48	50	48	71
20	47	49	47	70
19	46	48	46	69
18	45	47	45	67
17	45	46	45	65
16	44	45	44	62
15	43	44	43	60
14	42	43	42	59
13	41	42	41	57
12	40	41	40	55
11	39	40	39	53
10	39	39	39	51
9	38	38	38	49
8	37	37	37	47
7	36	37	36	45
6	35	36	35	42
5	34	35	34	40
4	33	34	33	38
3	33	33	33	36
2	32	32	32	34
1	31	31	31	32
0	30	30	30	30

Table 6: Student Achievement: CCMR Component Score

CCMR Component Score	College, Career, and Military Readiness Component Scaled Score	
	HS/K-12	AEA
100	100	100
99	99	100
98	98	100
97	98	99
96	97	99
95	96	99
94	95	99
93	94	98
92	93	98
91	93	98
90	92	98
89	91	97
88	90	97
87	89	97
86	88	97
85	87	96
84	86	96
83	85	96
82	84	96
81	83	95
80	82	95
79	81	95
78	80	95
77	79	94
76	78	94
75	78	94
74	77	94
73	76	93
72	76	93
71	75	93
70	74	93
69	73	92
68	73	92

Table 6: Academic Achievement: CCMR Component Score (continued)

CCMR Component Score	College, Career, and Military Readiness Component Scaled Score	
	HS/K-12	AEA
67	72	92
66	71	92
65	71	91
64	70	91
63	69	91
62	68	91
61	68	90
60	67	90
59	66	89
58	65	89
57	65	88
56	64	88
55	63	88
54	62	87
53	62	87
52	61	87
51	60	87
50	59	86
49	58	86
48	58	86
47	57	85
46	57	85
45	56	85
44	56	84
43	55	84
42	54	84
41	54	83
40	53	83
39	53	83
38	52	82
37	51	82
36	51	82
35	50	82
34	50	81

Table 6: Academic Achievement: CCMR Component Score (continued)

CCMR Component Score	College, Career, and Military Readiness Component Scaled Score	
	HS/K-12	AEA
33	49	81
32	49	81
31	48	80
30	47	80
29	47	79
28	46	78
27	46	77
26	45	77
25	45	76
24	44	75
23	43	74
22	43	73
21	42	72
20	42	72
19	41	71
18	40	70
17	40	69
16	39	67
15	39	65
14	38	64
13	38	62
12	37	60
11	36	59
10	36	56
9	35	54
8	35	51
7	34	48
6	33	46
5	33	43
4	32	41
3	32	38
2	31	35
1	31	33
0	30	30

Table 7: School Progress, Part A: Academic Growth Score

Academic Growth Score	Academic Growth Scaled Score			
	Elementary	Middle	HS/K-12	AEA
100+	100	100	100	100
100	100	100	100	100
99	100	100	99	100
98	99	99	99	99
97	99	99	98	99
96	98	98	97	98
95	98	98	97	98
94	97	97	96	97
93	97	97	95	97
92	96	96	95	96
91	96	96	94	96
90	95	95	93	95
89	95	95	93	95
88	94	94	92	94
87	94	94	91	94
86	93	93	91	93
85	93	93	90	93
84	92	92	89	92
83	92	92	88	92
82	91	91	87	91
81	91	91	86	91
80	90	90	85	90
79	89	89	85	89
78	88	88	84	88
77	87	87	83	88
76	86	87	82	87
75	85	86	81	87
74	83	85	80	86
73	82	84	79	86
72	81	83	77	85
71	80	82	75	85
70	79	82	74	84
69	78	81	72	84
68	76	80	70	83
67	75	79	69	83

Table 7: School Progress, Part A: Academic Growth Score (continued)

Academic Growth Score	Academic Growth Scaled Score			
	Elementary	Middle	HS/K-12	AEA
66	74	78	67	82
65	73	76	65	82
64	71	75	64	81
63	70	73	62	81
62	69	72	60	80
61	68	70	59	79
60	66	69	59	78
59	65	67	58	77
58	63	65	58	76
57	62	64	57	75
56	60	62	57	75
55	59	60	56	74
54	58	59	56	73
53	58	58	55	72
52	57	58	55	71
51	57	57	54	70
50	56	57	54	69
49	56	56	53	68
48	55	56	53	68
47	55	55	52	67
46	54	55	52	67
45	54	54	51	66
44	53	54	51	65
43	53	53	50	65
42	52	53	50	64
41	52	52	49	64
40	51	51	49	63
39	51	51	49	62
38	50	50	48	62
37	50	50	48	61
36	49	49	47	61
35	48	49	47	60
34	48	48	46	59
33	47	48	46	58

Table 7: School Progress, Part A: Academic Growth Score (continued)

Academic Growth Score	Academic Growth Scaled Score			
	Elementary	Middle	HS/K-12	AEA
32	47	47	45	57
31	46	47	45	56
30	46	46	44	56
29	45	46	44	55
28	45	45	43	54
27	44	45	43	53
26	44	44	42	52
25	43	43	42	51
24	43	43	41	50
23	42	42	41	50
22	42	42	40	49
21	41	41	40	48
20	41	41	40	47
19	40	40	39	46
18	39	40	39	45
17	39	39	38	45
16	38	39	38	44
15	38	38	37	43
14	37	38	37	42
13	37	37	36	41
12	36	36	36	40
11	36	36	35	39
10	35	35	35	39
9	35	35	34	38
8	34	34	34	37
7	34	34	33	36
6	33	33	33	35
5	33	33	32	34
4	32	32	32	33
3	32	32	31	33
2	31	31	31	32
1	31	31	30	31
0	30	30	30	30

Table 8: Closing the Gaps Domain Score

Closing the Gaps Domain Score	Closing the Gaps Domain Scaled Score			
	Elementary	Middle	HS/K-12	AEA
100	100	100	100	100
99	100	100	100	100
98	99	99	99	100
97	99	99	99	99
96	98	99	98	99
95	98	98	98	99
94	98	98	98	99
93	97	98	97	99
92	97	97	97	99
91	97	97	97	98
90	96	97	96	98
89	96	96	96	98
88	95	96	95	98
87	95	96	95	98
86	95	95	95	98
85	94	95	94	97
84	94	94	94	97
83	93	94	93	97
82	93	94	93	97
81	93	93	93	97
80	92	93	92	96
79	92	93	92	96
78	92	92	92	96
77	91	92	91	96
76	91	92	91	96
75	90	91	90	96
74	90	91	90	95
73	89	91	89	95
72	88	90	88	95
71	88	90	87	95
70	87	89	87	95
69	86	88	86	94
68	86	88	85	94
67	85	87	84	94

Table 8: Closing the Gaps Domain Score (continued)

Closing the Gaps Domain Score	Closing the Gaps Domain Scaled Score			
	Elementary	Middle	HS/K-12	AEA
66	84	86	83	94
65	83	85	82	94
64	83	85	82	94
63	82	84	81	93
62	81	83	80	93
61	81	82	79	93
60	80	82	78	93
59	79	81	78	93
58	79	80	77	93
57	78	79	76	92
56	78	79	76	92
55	78	78	75	92
54	77	78	74	92
53	77	77	73	92
52	77	77	73	91
51	76	77	72	91
50	76	76	71	91
49	76	76	71	91
48	75	75	70	91
47	75	75	69	91
46	75	75	68	90
45	74	74	67	90
44	74	74	66	90
43	73	74	65	89
42	73	73	65	88
41	73	73	64	88
40	72	72	63	87
39	72	72	62	86
38	72	72	61	85
37	71	71	60	85
36	71	71	59	84
35	71	70	58	83
34	70	70	57	82
33	70	69	57	82

Table 8: Closing the Gaps Domain Score (continued)

Closing the Gaps Domain Score	Closing the Gaps Domain Scaled Score			
	Elementary	Middle	HS/K-12	AEA
32	69	68	56	81
31	69	68	55	80
30	68	67	54	79
29	68	67	53	78
28	67	66	53	77
27	67	66	52	77
26	66	65	51	76
25	66	65	50	75
24	65	64	49	74
23	65	64	49	73
22	65	63	48	72
21	64	63	47	72
20	64	62	46	71
19	63	62	45	70
18	63	61	45	69
17	62	61	44	68
16	62	60	43	67
15	61	59	42	66
14	61	57	41	65
13	60	55	40	64
12	60	53	40	63
11	59	51	39	62
10	56	49	38	61
9	54	47	37	60
8	51	45	36	59
7	48	44	36	55
6	46	42	35	52
5	43	40	34	48
4	41	38	33	45
3	38	36	32	41
2	35	34	32	37
1	33	32	31	34
0	30	30	30	30

Table 9: School Progress, Part B: Relative Performance Lookup Tables

The complete STAAR and CCMR Relative Performance scaling tables by school type can be [downloaded](#). A table of the Relative Performance scaled score cut points ranges is also found in “Chapter 5—Calculating Ratings.”

Table 10: School Progress, Part B: Retest Growth Score for AEA Campuses

Retest Growth Score	Retest Growth Scaled Score
	AEA
100	100
99	100
98	100
97	99
96	99
95	99
94	99
93	98
92	98
91	98
90	98
89	97
88	97
87	97
86	97
85	96
84	96
83	96
82	96
81	95
80	95
79	95
78	95
77	94
76	94
75	94
74	94
73	93
72	93
71	93
70	93
69	92
68	92
67	92

**Table 10: School Progress, Part B: Retest Growth Score for AEA Campuses
(continued)**

Retest Growth Score	Retest Growth Scaled Score
	AEA
66	92
65	91
64	91
63	91
62	91
61	90
60	90
59	90
58	89
57	88
56	88
55	87
54	86
53	86
52	85
51	85
50	84
49	83
48	83
47	82
46	81
45	81
44	80
43	79
42	78
41	77
40	76
39	75
38	73
37	72
36	71
35	70
34	69

**Table 10: School Progress, Part B: Retest Growth Score for AEA Campuses
(continued)**

Retest Growth Score	Retest Growth Scaled Score
	AEA
33	68
32	66
31	65
30	63
29	62
28	60
27	59
26	58
25	57
24	56
23	55
22	54
21	53
20	51
19	50
18	49
17	48
16	47
15	46
14	45
13	44
12	43
11	42
10	41
9	40
8	39
7	38
6	36
5	35
4	34
3	33
2	32
1	31
0	30

How to Convert to a Scaled Score

Use the cut point tables to convert a raw domain or component score to a scaled score by using the following corresponding formula.

Formulas Used to Create Scaled Scores	
A	Round $\left(100 - \frac{10(100 - \text{raw})}{100 - A \text{ cut point}}\right)$
B	Round $\left(89 - \frac{9((A \text{ cut point} - 1) - \text{raw})}{(A \text{ cut point} - 1) - B \text{ cut point}}\right)$
C	Round $\left(79 - \frac{9((B \text{ cut point} - 1) - \text{raw})}{(B \text{ cut point} - 1) - C \text{ cut point}}\right)$
D	Round $\left(69 - \frac{9((C \text{ cut point} - 1) - \text{raw})}{(C \text{ cut point} - 1) - D \text{ cut point}}\right)$
F	Round $\left(59 - \frac{29((D \text{ cut point} - 1) - \text{raw})}{(D \text{ cut point} - 1)}\right)$

Example: Converting to a Scaled Score

An elementary campus received an Academic Achievement domain score of 56. The scaling table shows an Academic Achievement domain score between 53–60 for a non-AEA elementary campus falls within the *B* range. To convert the domain score to a scaled score, use the scaling formula for the *B* range.

$$\text{Round} \left(89 - \frac{9((60 - 1) - 56)}{(60 - 1) - 53} \right)$$

$$\text{Round} \left(89 - \frac{9(59 - 56)}{59 - 53} \right)$$

$$\text{Round} \left(89 - \frac{9(3)}{6} \right)$$

$$\text{Round} \left(89 - \frac{27}{6} \right)$$

$$\text{Round} (89 - 4.5)$$

$$\text{Round} (84.5)$$

$$\text{Scaled Score} = 85$$