The Alignment of the NWEA RIT Scale with the Utah Performance Assessment System for Students (U-PASS)*

*As of June 2017 Measures of Academic Progress® (MAP®) is known as MAP® Growth™.

June 2009

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Northwest Evaluation Association

June, 2009

Recently, NWEA completed a project to connect the scale of the Criterion Referenced Tests (CRTs) used for Utah's Mathematics and English Language Arts assessments with NWEA's RIT scale. Information from the Utah assessments were used in a study to establish performance-level scores on the RIT scale that would indicate a good chance of success on these tests.

To perform the analysis, we linked individual students' state test results with their corresponding NWEA test results for about 7000 students in 23 Utah schools who took both tests during the spring 2008 testing season. Estimates for the science scales are based on a smaller sample of 3000
students from seven schools. An equipercentile method was used to estimate the RIT score equivalent to each state performance level. We determined the percentage of the population within the selected study group that performed at each level on the state test and found the equivalent percentile ranges within the NWEA dataset to estimate the cut scores. For example, if 40% of the study group population in grade 3 mathematics performed below the proficient level on the state test, we would find the RIT score that would be equivalent to the 40th percentile for the study population (this would not be the same as the 40th percentile in the NWEA norms). This RIT score would be the estimated point on the NWEA RIT scale that would be equivalent to the minimum score for proficiency on the state test.

More complete documentation about this method can be found on our website.

Tables 1 through 6 show the best estimate of the minimum RIT equivalent to each CRT performance level for same-season (spring) and prior-season (fall) RIT scores. These tables can be used to identify students who may need additional help to perform well on these tests.

Tables 7 through 12 show the estimated probability of a student receiving a proficient (Level 3) or higher score on the state assessment, based on that student's RIT score. These tables can be used to assist in identifying students who are not likely to pass these assessments, thereby increasing the probability that intervention strategies will be planned and implemented. These tables can also be useful for identifying target RIT-score objectives likely to correspond to successful or "proficient" performance on the state test.

Table 1 – Minimum Estimated Same-Season (Spring) RIT Cut Scores on MAP Mathematics Test Corresponding to Utah CRT Performance Levels in Mathematics

Grade	Level 1	Level 2		Level 3		Level 4	
	Cut score	Cut score	Percentile	Cut score	Percentile	Cut Score	Percentile
2	<173	173	7	185	32	191	50
3	<182	182	7	195	27	203	53
4	<193	193	10	202	26	209	46
5	<200	200	10	210	28	218	48
6	<201	201	9	213	25	222	45
7	<199	199	5	207	12	217	25
8	<208	208	9	216	17	230	40

*Note: the cut scores shown in this table are the **minimum** estimated scores. Meeting the minimum MAP cut score corresponds to a 50% probability of achieving that performance level. Use the probabilities in Tables 7-12 to determine the appropriate "target" scores for a desired level of certainty.

Table 2 – Minimum Estimated Same-Season (Spring) RIT Cut Scores on MAP End-of-Course Mathematics Test Corresponding to Utah CRT High School Proficiency in Mathematics

Grade	Algebra 1		Geometry	
	Cut score	Percentile	Cut Score	Percentile
9	227	32	238	56
10	227	27	238	48
11	227	23	238	43

*Note: the cut scores shown in this table are the minimum estimated scores on MAP likely to correspond to a proficient or higher level of performance on the CRT.

Table 3 – Minimum Estimated Same-Season (Spring) RIT Cut Scores on MAP Reading Test Corresponding to Utah CRT Performance Levels in English/Language Arts

Grade	Level 1	Level 2		Level 3		Level 4	
	Cut score	Cut score	Percentile	Cut score	Percentile	Cut Score	Percentile
2	<158	158	3	174	17	191	54
3	<178	178	10	191	28	205	67
4	<185	185	9	195	21	210	61
5	<189	189	7	203	25	211	47
6	<197	197	11	208	27	220	62
7	<199	199	10	210	25	221	55
8	<197	197	6	210	18	222	47
9	*<198*	*198*	*6*	*210*	*18*	*223*	*47*
10	*<200*	*200*	*6*	*213*	*18*	*226*	*47*
11	*<200*	*200*	*6*	*213*	*18*	*227*	*47*

*Note: the cut scores shown in this table are the **minimum** estimated scores. Meeting the minimum MAP cut score corresponds to a 50% probability of achieving that performance level. Use the probabilities in Tables 7-12 to determine the appropriate "target" scores for a desired level of certainty.

Table 4 – Minimum Estimated Same-Season (Spring) RIT Cut Scores on MAP Language Usage Test Corresponding to Utah CRT Performance Levels in English/Language Arts

Grade	Level 1	Level 2		Level 3		Level 4	
	Cut score	Cut score	Percentile	Cut score	Percentile	Cut Score	Percentile
2	<162	162	2	175	14	192	49
3	<181	181	9	194	27	205	60
4	<186	186	7	198	22	211	59
5	<191	191	5	203	20	212	44
6	<199	199	9	209	25	219	56
7	<202	202	10	211	25	220	52
8	<199	199	5	209	16	221	47
9	<198	198	5	208	16	221	47
10	<198	198	5	210	16	224	47
11	<201	201	5	213	16	225	47

*Note: the cut scores shown in this table are the **minimum** estimated scores. Meeting the minimum MAP cut score corresponds to a 50% probability of achieving that performance level. Use the probabilities in Tables 7-12 to determine the appropriate "target" scores for a desired level of certainty.

Table 5 – Minimum Estimated Same-Season (Spring) RIT Cut Scores on MAP General Science Test Corresponding to Utah CRT Performance Levels in Science

Grade	Level 1	Level 2		Level 3		Level 4	
	Cut score	Cut score	Percentile	Cut score	Percentile	Cut Score	Percentile
6	<188	188	5	201	29	211	64
7	<176	176	1	202	26	215	67
8	<192	192	5	207	31	219	70
9	<194	194	7	209	34	220	70
10	<194	194	5	212	31	219	53

*Note: the cut scores shown in this table are the **minimum** estimated scores. Meeting the minimum MAP cut score corresponds to a 50% probability of achieving that performance level.

Table 6 – Minimum Estimated Same-Season (Spring) RIT Cut Scores on MAP Science Concepts and Processes Test Corresponding to Utah CRT Performance Levels in Science

Grade	Level 1	Level 2		Level 3		Level 4	
	Cut score	Cut score	Percentile	Cut score	Percentile	Cut Score	Percentile
6	<183	183	2	200	29	210	66
7	<179	179	1	202	26	213	66
8	<192	192	5	206	31	217	70
9	<192	192	5	206	28	217	66
10	<193	193	5	208	25	217	53

*Note: the cut scores shown in this table are the **minimum** estimated scores. Meeting the minimum MAP cut score corresponds to a 50% probability of achieving that performance level.

Table 7 – Minimum Estimated Prior-Season (Fall) RIT Cut Scores on MAP Mathematics Test Corresponding to Utah CRT Performance Levels in Mathematics

Grade	Level 1	Level 2		Level 3		Level 4	
	Cut score	Cut score	Percentile	Cut score	Percentile	Cut Score	Percentile
2	<163	163	7	174	32	179	50
3	<174	174	7	185	27	194	53
4	<187	187	10	196	26	202	46
5	<194	194	10	204	28	211	48
6	<197	197	9	208	25	217	45
7	<195	195	5	204	12	214	25
8	<205	205	9	213	17	226	40

*Note: the cut scores shown in this table are the **minimum** estimated scores. Meeting the minimum MAP cut score corresponds to a 50% probability of achieving that performance level. Use the probabilities in Tables 7-12 to determine the appropriate "target" scores for a desired level of certainty.

Table 8 – Minimum Estimated Prior-Season (Fall) RIT Cut Scores on MAP End-of-Course Mathematics Test Corresponding to Utah CRT High School Proficiency in Mathematics

Grade	Algebra 1		Geometry	
	Cut score	Percentile	Cut Score	Percentile
9	224	32	236	56
10	225	27	236	48
11	224	23	236	43

*Note: the cut scores shown in this table are the minimum estimated scores on MAP likely to correspond to a proficient or higher level of performance on the CRT.

Table 9 – Minimum Estimated Prior-Season (Fall) RIT Cut Scores on MAP Reading Test Corresponding to Utah CRT Performance Levels in English/Language Arts

Grade	Level 1	Level 2		Level 3		Level 4	
	Cut score	Cut score	Percentile	Cut score	Percentile	Cut Score	Percentile
2	<152	152	3	160	17	180	54
3	<170	170	10	183	28	198	67
4	<178	178	9	189	21	205	61
5	<183	183	7	198	25	207	47
6	<193	193	11	204	27	217	62
7	<196	196	10	207	25	218	55
8	<194	194	6	207	18	219	47
9	*<196*	*196*	*6*	*209*	*18*	*221*	*47*
10	*<199*	*199*	*6*	*212*	*18*	*225*	*47*
11	*<199*	*199*	*6*	*213*	*18*	*226*	*47*

*Note: the cut scores shown in this table are the **minimum** estimated scores. Meeting the minimum MAP cut score corresponds to a 50% probability of achieving that performance level. Use the probabilities in Tables 7-12 to determine the appropriate "target" scores for a desired level of certainty.

Table 10 – Minimum Estimated Prior-Season (Fall) RIT Cut Scores on MAP Language Usage Test Corresponding to Utah CRT Performance Levels in English/Language Arts

Grade	Level 1	Level 2		Level 3		Level 4	
	Cut score	Cut score	Percentile	Cut score	Percentile	Cut Score	Percentile
2	<158	158	2	163	14	179	49
3	<172	172	9	186	27	198	60
4	<180	180	7	193	22	206	59
5	<184	184	5	199	20	208	44
6	<195	195	9	206	25	216	56
7	<200	200	10	209	25	218	52
8	<195	195	5	207	16	219	47
9	*<196*	*196*	*5*	*208*	*16*	*220*	*47*
10	*<197*	*197*	*5*	*210*	*16*	*222*	*47*
11	*<199*	*199*	*5*	*211*	*16*	*224*	*47*

*Note: the cut scores shown in this table are the **minimum** estimated scores. Meeting the minimum MAP cut score corresponds to a 50% probability of achieving that performance level. Use the probabilities in Tables 7-12 to determine the appropriate "target" scores for a desired level of certainty.

Table 11 – Minimum Estimated Prior-Season (Fall) RIT Cut Scores on MAP General Science Test Corresponding to Utah CRT Performance Levels in Science

Grade	Level 1	Level 2		Level 3		Level 4	
	Cut score	Cut score	Percentile	Cut score	Percentile	Cut Score	Percentile
6	<186	186	5	199	29	209	64
7	<180	180	1	201	26	213	67
8	<190	190	5	205	31	217	70
9	<194	194	7	208	34	219	70
10	<193	193	5	210	31	217	53

*Note: the cut scores shown in this table are the **minimum** estimated scores. Meeting the minimum MAP cut score corresponds to a 50% probability of achieving that performance level.

Table 12 – Minimum Estimated Prior-Season (Fall) RIT Cut Scores on MAP Science Concepts and Processes Test Corresponding to Utah CRT Performance Levels in Science

Grade	Level 1	Level 2		Level 3		Level 4	
	Cut score	Cut score	Percentile	Cut score	Percentile	Cut Score	Percentile
6	<179	179	2	198	29	208	66
7	<179	179	1	200	26	212	66
8	<190	190	5	205	31	216	70
9	<191	191	5	205	28	216	66
10	<193	193	5	206	25	215	53

*Note: the cut scores shown in this table are the **minimum** estimated scores. Meeting the minimum MAP cut score corresponds to a 50% probability of achieving that performance level.

Table 13 –Estimated Probability of Scoring as Proficient (Level 3) or Higher on the Utah CRT in Same Season (Spring) by Grade and RIT Score Range on MAP Mathematics

	Estimated Probability of Passing State Test for Student with Given RIT Score						
RIT Range	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
130	1%	0%	0%	0%	0%	0%	0%
135	1%	0%	0%	0%	0%	0%	0%
140	1%	1%	0%	0%	0%	0%	0%
145	2%	1%	0%	0%	0%	0%	0%
150	4%	1%	1%	0%	0%	0%	0%
155	6%	2%	1%	1%	0%	1%	0%
160	9%	4%	2%	1%	1%	1%	0%
165	14%	6%	3%	1%	1%	2%	1%
170	22%	9%	5%	2%	2%	3%	1%
175	31%	14%	8%	4%	3%	5%	2%
180	43%	22%	12%	6%	4%	8%	3%
185	55%	31%	18%	9%	7%	12%	5%
190	67%	43%	27%	14%	11%	18%	8%
195	77%	55%	38%	22%	17%	27%	13%
200	84%	67%	50%	31%	25%	38%	20%
205	90%	77%	62%	43%	36%	50%	29%
210	94%	84%	73%	55%	48%	62%	40%
215	96%	90%	82%	67%	60%	73%	52%
220	98%	94%	88%	77%	71%	82%	64%
225	99%	96%	92%	84%	80%	88%	75%
230	99%	98%	95%	90%	87%	92%	83%
235	99%	99%	97%	94%	92%	95%	89%
240	100%	99%	98%	96%	95%	97%	93%
245	100%	99%	99%	98%	97%	98%	96%
250	100%	100%	99%	99%	98%	99%	97%
255	100%	100%	100%	99%	99%	99%	98%
260	100%	100%	100%	99%	99%	100%	99%
265	100%	100%	100%	100%	100%	100%	99%
270	100%	100%	100%	100%	100%	100%	100%
275	100%	100%	100%	100%	100%	100%	100%
280	100%	100%	100%	100%	100%	100%	100%
285	100%	100%	100%	100%	100%	100%	100%
290	100%	100%	100%	100%	100%	100%	100%
295	100%	100%	100%	100%	100%	100%	100%
300	100%	100%	100%	100%	100%	100%	100%

[*]Note: This table provides the estimated probability of passing the Utah CRT in spring, based on a MAP test score taken during the same (spring) season. Example: if a current third grade student had scored 165 on a MAP test taken during that same (spring) season, the estimated probability of scoring as proficient (Level 3) or better on the grade 3 CRT is 6%.

Table 14 –Estimated Probability of Scoring as Proficient (Level 3) or Higher on the Utah CRT (ELA) in Same Season (Spring) by Grade and RIT Score Range on MAP Reading

RIT Range	Estimated Probability of Passing State Test for Student with Given RIT Score									
	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11
130	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
135	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
140	4%	1%	1%	0%	0%	0%	0%	0%	0%	0%
145	6%	1%	1%	0%	0%	0%	0%	0%	0%	0%
150	10%	2%	1%	1%	0%	0%	0%	0%	0%	0%
155	16%	3%	2%	1%	1%	1%	1%	1%	0%	0%
160	23%	5%	4%	2%	1%	1%	1%	1%	1%	1%
165	33%	8%	6%	3%	2%	1%	1%	1%	1%	1%
170	45%	13%	9%	4%	3%	2%	2%	2%	2%	2%
175	57%	20%	14%	7%	4%	4%	4%	4%	3%	3%
180	69%	29%	22%	11%	7%	6%	6%	6%	4%	4%
185	78%	40%	31%	17%	11%	9%	9%	9%	7%	7%
190	86%	52%	43%	25%	17%	14%	14%	14%	11%	11%
195	91%	64%	55%	36%	25%	22%	22%	22%	17%	17%
200	94%	75%	67%	48%	36%	31%	31%	31%	25%	25%
205	96%	83%	77%	60%	48%	43%	43%	43%	36%	36%
210	98%	89%	84%	71%	60%	55%	55%	55%	48%	48%
215	99%	93%	90%	80%	71%	67%	67%	67%	60%	60%
220	99%	96%	94%	87%	80%	77%	77%	77%	71%	71%
225	99%	97%	96%	92%	87%	84%	84%	84%	80%	80%
230	100%	98%	98%	95%	92%	90%	90%	90%	87%	87%
235	100%	99%	99%	97%	95%	94%	94%	94%	92%	92%
240	100%	99%	99%	98%	97%	96%	96%	96%	95%	95%
245	100%	100%	99%	99%	98%	98%	98%	98%	97%	97%
250	100%	100%	100%	99%	99%	99%	99%	99%	98%	98%
255	100%	100%	100%	100%	99%	99%	99%	99%	99%	99%
260	100%	100%	100%	100%	100%	99%	99%	99%	99%	99%
265	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
270	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
275	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
280	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
285	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
290	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
295	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
300	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

[*]Note: This table provides the estimated probability of passing the Utah CRT in spring, based on a MAP test score taken during the same (spring) season. Example: if a current third grade student had scored 165 on a MAP test taken during that same (spring) season, the estimated probability of scoring proficient (Level 3) or better on the grade 3 CRT is 8%.

Table 15 – Estimated Probability of Scoring as Proficient (Level 3) or Higher on the Utah CRT (ELA) in Same Season (Spring) by Grade and RIT Score Range on MAP Language Usage

RIT Range	Estimated Probability of Passing State Test for Student with Given RIT Score									
	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11
130	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
135	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
140	4%	1%	0%	0%	0%	0%	0%	0%	0%	0%
145	6%	1%	1%	0%	0%	0%	0%	0%	0%	0%
150	9%	1%	1%	1%	0%	0%	0%	0%	0%	0%
155	14%	2%	2%	1%	1%	0%	1%	1%	1%	0%
160	22%	4%	3%	2%	1%	1%	1%	1%	1%	1%
165	31%	6%	4%	3%	1%	1%	1%	2%	1%	1%
170	43%	10%	7%	4%	2%	2%	2%	3%	2%	2%
175	55%	16%	11%	7%	4%	3%	4%	4%	4%	3%
180	67%	23%	17%	11%	6%	5%	6%	7%	6%	4%
185	77%	33%	25%	17%	10%	8%	10%	11%	9%	7%
190	84%	45%	36%	25%	16%	13%	16%	17%	14%	11%
195	90%	57%	48%	36%	23%	20%	23%	25%	22%	17%
200	94%	69%	60%	48%	33%	29%	33%	36%	31%	25%
205	96%	78%	71%	60%	45%	40%	45%	48%	43%	36%
210	98%	86%	80%	71%	57%	52%	57%	60%	55%	48%
215	99%	91%	87%	80%	69%	64%	69%	71%	67%	60%
220	99%	94%	92%	87%	78%	75%	78%	80%	77%	71%
225	99%	96%	95%	92%	86%	83%	86%	87%	84%	80%
230	100%	98%	97%	95%	91%	89%	91%	92%	90%	87%
235	100%	99%	98%	97%	94%	93%	94%	95%	94%	92%
240	100%	99%	99%	98%	96%	96%	96%	97%	96%	95%
245	100%	99%	99%	99%	98%	97%	98%	98%	98%	97%
250	100%	100%	100%	99%	99%	98%	99%	99%	99%	98%
255	100%	100%	100%	100%	99%	99%	99%	99%	99%	99%
260	100%	100%	100%	100%	99%	99%	99%	100%	99%	99%
265	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
270	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
275	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
280	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
285	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
290	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
295	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
300	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Note: This table provides the estimated probability of passing the Utah CRT in spring, based on a MAP test score taken during the same (spring) season. Example: if a current third grade student had scored 165 on a MAP test taken during that same (spring) season, the estimated probability of scoring proficient (Level 3) or better on the grade 3 CRT is 6%.

Table 16 –Estimated Probability of Scoring as Proficient (Level 3) or Higher on the Utah CRT (Science) in Same Season (Spring) by Grade and RIT Score Range on MAP General Science

Estimated Probability of Passing State Test for Student with Given RIT Score					
RIT Range	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10
130					
135					
140					
145					
150					
155					
160					
165					
170					
175					
180					
185					
190					
195					
200					
205					
210					
215					
220					
225					
230					
235					
240					
245					
250					
255					
260					
265					
270					
275					
280					
285					
290					
295					
300					

[*]Note: This table provides the estimated probability of passing the Utah CRT in spring, based on a MAP test score taken during the same (spring) season. Example: if a current third grade student had scored 165 on a MAP test taken during that same (spring) season, the estimated probability of scoring proficient (Level 3) or better on the grade 3 CRT is 6%.

Table 17 –Estimated Probability of Scoring as Proficient (Level 3) or Higher on the Utah CRT (Science) in Same Season (Spring) by Grade and RIT Score Range on MAP Science Concepts and Processes

Estimated Probability of Passing State Test for Student with Given RIT Score					
RIT Range	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10
130					
135					
140					
145					
150					
155					
160					
165					
170					
175					
180					
185					
190					
195					
200					
205					
210					
215					
220					
225					
230					
235					
240					
245					
250					
255					
260					
265					
270					
275					
280					
285					
290					
295					
300					

*Note: This table provides the estimated probability of passing the Utah CRT in spring, based on a MAP test score taken during the same (spring) season. Example: if a current third grade student had scored 165 on a MAP test taken during that same (spring) season, the estimated probability of scoring proficient (Level 3) or better on the grade 3 CRT is 6%.

Table 18 – Estimated Probability of Scoring as Proficient (Level 3) or Higher on the Utah CRT in Prior Season (Fall) by Grade and RIT Score Range on MAP Mathematics

RIT Range	Estimated Probability of Passing State Test for Student with Given RIT Score						
	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
130	1%	1%	0%	0%	0%	0%	0%
135	2%	1%	0%	0%	0%	0%	0%
140	4%	1%	0%	0%	0%	0%	0%
145	6%	2%	1%	0%	0%	0%	0%
150	10%	4%	1%	1%	0%	1%	0%
155	16%	6%	2%	1%	1%	1%	0%
160	23%	9%	3%	1%	1%	1%	1%
165	33%	14%	5%	2%	2%	2%	1%
170	45%	22%	8%	4%	3%	4%	2%
175	57%	31%	13%	6%	4%	6%	3%
180	69%	43%	20%	10%	7%	10%	4%
185	78%	55%	29%	16%	11%	16%	7%
190	86%	67%	40%	23%	17%	23%	11%
195	91%	77%	52%	33%	25%	33%	17%
200	94%	84%	64%	45%	36%	45%	25%
205	96%	90%	75%	57%	48%	57%	36%
210	98%	94%	83%	69%	60%	69%	48%
215	99%	96%	89%	78%	71%	78%	60%
220	99%	98%	93%	86%	80%	86%	71%
225	99%	99%	96%	91%	87%	91%	80%
230	100%	99%	97%	94%	92%	94%	87%
235	100%	99%	98%	96%	95%	96%	92%
240	100%	100%	99%	98%	97%	98%	95%
245	100%	100%	99%	99%	98%	99%	97%
250	100%	100%	100%	99%	99%	99%	98%
255	100%	100%	100%	99%	99%	99%	99%
260	100%	100%	100%	100%	100%	100%	99%
265	100%	100%	100%	100%	100%	100%	100%
270	100%	100%	100%	100%	100%	100%	100%
275	100%	100%	100%	100%	100%	100%	100%
280	100%	100%	100%	100%	100%	100%	100%
285	100%	100%	100%	100%	100%	100%	100%
290	100%	100%	100%	100%	100%	100%	100%
295	100%	100%	100%	100%	100%	100%	100%
300	100%	100%	100%	100%	100%	100%	100%

[*]Note: This table provides the estimated probability of passing the Utah CRT in spring, based on a MAP test score taken during the previous (fall) season. Example: if a current third grade student had scored 165 on a MAP test taken during her/his previous (fall) season, the estimated probability of scoring proficient (Level 3) or better on the grade 3 CRT is 14%.

Table 19 – Estimated Probability of Scoring as Proficient (Level 3) or Higher on the Utah CRT (ELA) in Prior Season (Fall) by Grade and RIT Score Range on MAP Reading

	Estimated Probability of Passing State Test for Student with Given RIT Score									
RIT Range	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11
130	6%	1%	0%	0%	0%	0%	0%	0%	0%	0%
135	9%	1%	1%	0%	0%	0%	0%	0%	0%	0%
140	14%	2%	1%	0%	0%	0%	0%	0%	0%	0%
145	22%	3%	1%	1%	0%	0%	0%	0%	0%	0%
150	31%	4%	2%	1%	1%	0%	0%	0%	0%	0%
155	43%	7%	4%	2%	1%	1%	1%	1%	0%	0%
160	55%	11%	6%	3%	1%	1%	1%	1%	1%	1%
165	67%	17%	10%	4%	2%	2%	2%	1%	1%	1%
170	77%	25%	16%	7%	4%	3%	3%	2%	2%	2%
175	84%	36%	23%	11%	6%	5%	5%	4%	3%	3%
180	90%	48%	33%	17%	10%	8%	8%	6%	5%	4%
185	94%	60%	45%	25%	16%	12%	12%	10%	8%	7%
190	96%	71%	57%	36%	23%	18%	18%	16%	12%	11%
195	98%	80%	69%	48%	33%	27%	27%	23%	18%	17%
200	99%	87%	78%	60%	45%	38%	38%	33%	27%	25%
205	99%	92%	86%	71%	57%	50%	50%	45%	38%	36%
210	99%	95%	91%	80%	69%	62%	62%	57%	50%	48%
215	100%	97%	94%	87%	78%	73%	73%	69%	62%	60%
220	100%	98%	96%	92%	86%	82%	82%	78%	73%	71%
225	100%	99%	98%	95%	91%	88%	88%	86%	82%	80%
230	100%	99%	99%	97%	94%	92%	92%	91%	88%	87%
235	100%	100%	99%	98%	96%	95%	95%	94%	92%	92%
240	100%	100%	99%	99%	98%	97%	97%	96%	95%	95%
245	100%	100%	100%	99%	99%	98%	98%	98%	97%	97%
250	100%	100%	100%	100%	99%	99%	99%	99%	98%	98%
255	100%	100%	100%	100%	99%	99%	99%	99%	99%	99%
260	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%
265	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
270	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
275	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
280	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
285	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
290	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
295	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
300	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

[*]Note: This table provides the estimated probability of passing the Utah CRT in spring, based on a MAP test score taken during the previous (fall) season. Example: if a current third grade student had scored 165 on a MAP test taken during her/his previous (fall) season, the estimated probability of scoring proficient (Level 3) or better on the grade 3 CRT is 17%.

Table 20 –Estimated Probability of Scoring as Proficient (Level 3) or Higher on the Utah CRT (ELA) in Prior Season (Fall) by Grade and RIT Score Range on MAP Language Usage

RIT Range	Estimated Probability of Passing State Test for Student with Given RIT Score									
	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11
130	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
135	7%	1%	0%	0%	0%	0%	0%	0%	0%	0%
140	11%	1%	1%	0%	0%	0%	0%	0%	0%	0%
145	17%	2%	1%	1%	0%	0%	0%	0%	0%	0%
150	25%	3%	2%	1%	0%	0%	0%	0%	0%	0%
155	36%	5%	3%	1%	1%	1%	1%	1%	1%	0%
160	48%	8%	4%	2%	1%	1%	1%	1%	1%	1%
165	60%	13%	7%	4%	2%	1%	2%	2%	1%	1%
170	71%	20%	11%	6%	3%	2%	3%	3%	2%	2%
175	80%	29%	17%	10%	5%	4%	5%	4%	4%	3%
180	87%	40%	25%	16%	8%	6%	8%	7%	6%	5%
185	92%	52%	36%	23%	13%	10%	12%	11%	9%	8%
190	95%	64%	48%	33%	20%	16%	18%	17%	14%	13%
195	97%	75%	60%	45%	29%	23%	27%	25%	22%	20%
200	98%	83%	71%	57%	40%	33%	38%	36%	31%	29%
205	99%	89%	80%	69%	52%	45%	50%	48%	43%	40%
210	99%	93%	87%	78%	64%	57%	62%	60%	55%	52%
215	100%	96%	92%	86%	75%	69%	73%	71%	67%	64%
220	100%	97%	95%	91%	83%	78%	82%	80%	77%	75%
225	100%	98%	97%	94%	89%	86%	88%	87%	84%	83%
230	100%	99%	98%	96%	93%	91%	92%	92%	90%	89%
235	100%	99%	99%	98%	96%	94%	95%	95%	94%	93%
240	100%	100%	99%	99%	97%	96%	97%	97%	96%	96%
245	100%	100%	100%	99%	98%	98%	98%	98%	98%	97%
250	100%	100%	100%	99%	99%	99%	99%	99%	99%	98%
255	100%	100%	100%	100%	99%	99%	99%	99%	99%	99%
260	100%	100%	100%	100%	100%	99%	100%	100%	99%	99%
265	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
270	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
275	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
280	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
285	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
290	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
295	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
300	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Note: This table provides the estimated probability of passing the Utah CRT in spring, based on a MAP test score taken during the previous (fall) season. Example: if a current third grade student had scored 165 on a MAP test taken during her/his previous (fall) season, the estimated probability of scoring proficient (Level 3) or better on the grade 3 CRT is 13%.

Table 21 –Estimated Probability of Scoring as Proficient (Level 3) or Higher on the Utah CRT (Science) in Prior Season (Fall) by Grade and RIT Score Range on MAP General Science

Estimated Probability of Passing State Test for Student with Given RIT Score					
RIT Range	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10
130					
135					
140					
145					
150					
155					
160					
165					
170					
175					
180					
185					
190					
195					
200					
205					
210					
215					
220					
225					
230					
235					
240					
245					
250					
255					
260					
265					
270					
275					
280					
285					
290					
295					
300					

[*]Note: This table provides the estimated probability of passing the Utah CRT in spring, based on a MAP test score taken during the same (spring) season. Example: if a current third grade student had scored 165 on a MAP test taken during that same (spring) season, the estimated probability of scoring proficient (Level 3) or better on the grade 3 CRT is 6%.

Table 22 –Estimated Probability of Scoring as Proficient (Level 3) or Higher on the Utah CRT (Science) in Prior Season (Fall) by Grade and RIT Score Range on MAP Science Concepts and Processes

Estimated Probability of Passing State Test for Student with Given RIT Score					
RIT Range	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10
130					
135					
140					
145					
150					
155					
160					
165					
170					
175					
180					
185					
190					
195					
200					
205					
210					
215					
220					
225					
230					
235					
240					
245					
250					
255					
260					
265					
270					
275					
280					
285					
290					
295					
300					

[*]Note: This table provides the estimated probability of passing the Utah CRT in spring, based on a MAP test score taken during the same (spring) season. Example: if a current third grade student had scored 165 on a MAP test taken during that same (spring) season, the estimated probability of scoring proficient (Level 3) or better on the grade 3 CRT is 6%.

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