

District NWEA RIT Score Tables

Normed from National Data Revised by NWEA 2015

NWEA National Placement Guidelines for Fall Screening											
Grades	Knd	1	2	3	4	5	6	7	8	9	10
Math (Median)- (50%ile)	140	162	177	190	202	211	218	223	226	230	230
Math (Gifted)- (95%ile & above)	165	184	199	212	225	236	243	250	256	260	262
Math (At Risk 31% RIT or below)	133	156	170	184	195	204	210	214	217	221	220
Rdg. (Median)- (50%ile)	141	161	175	188	198	206	211	214	217	220	220
Rdg. (Gifted)- (95%ile & above)	163	182	200	214	224	231	236	240	243	246	248
Rdg. (At Risk 31% RIT or below)	134	154	167	180	190	198	204	207	209	212	214
Language/ELA (Median)- (50%ile)	na	na	175	189	199	206	211	214	216	218	219
Language (Gifted)- (95%ile & above)	na	na	202	214	223	229	233	237	240	242	244
Language (At Risk 31% RIT or below)	na	na	166	182	192	199	204	207	209	211	211

NWEA National Median Scores by Season of Testing										
Math, Reading, & Lang. Use		Fall			Winter			Spring		
Grades:		Math	Rdg.	Lang.	Math	Rdg.	Lang.	Math	Rdg.	Lang.
Knd		140	141	na	152	151	na	159	158	na
1st		162	161	na	174	172	na	181	178	na
2nd		177	175	175	186	184	185	192	189	189
3rd		190	188	189	198	196	197	203	199	200
4th		202	198	199	209	204	204	214	206	207
5th		211	206	206	217	210	210	221	212	212
6th		218	211	211	222	214	214	225	216	215
7th		223	214	214	226	217	217	229	218	218
8th		226	217	216	229	219	218	231	222	219
9th		230	220	218	232	221	220	233	221	220
10th		230	220	219	234	223	220	232	222	220

**Another Way to Identify Bottom 30% Achievement on M-STEP
Levels 3 & 4 Potential for Proficiency**

**Table Set 1 – Estimated Fall MAP RIT Cut Scores
Corresponding to the Smarter Balanced Assessment
Consortium (Smarter Balanced) Performance Levels**

MATH – FALL SEASON

Cut Scores and Norm Percentiles for Each Performance Level

Grade	Level 1	Level 2		Level 3		Level 4	
	Cut Score	Cut Score	Percentile Rank	Cut Score	Percentile Rank	Cut Score	Percentile Rank
2*	<172	172	32	181	61	193	88
3	<186	186	32	195	61	207	88
4	<195	195	27	208	63	218	87
5	<207	207	35	219	67	227	85
6	<213	213	35	226	67	236	86
7	<219	219	36	233	67	244	87
8	<225	225	38	238	68	249	87
9*	<229	229	40	241	67	255	89
10*	<229	229	40	242	67	257	89
11	<231	231	40	245	67	261	89

READING – FALL SEASON

Cut Scores and Norm Percentiles for Each Performance Level

Grade	Level 1	Level 2		Level 3		Level 4	
	Cut Score	Cut Score	Percentile Rank	Cut Score	Percentile Rank	Cut Score	Percentile Rank
2*	<170	170	35	180	62	190	82
3	<184	184	35	194	62	203	82
4	<195	195	37	203	59	213	82
5	<201	201	33	209	56	222	85
6	<204	204	30	215	59	230	89
7	<210	210	34	220	62	236	92
8	<210	210	28	222	59	239	91
9*	<212	212	28	225	59	240	89
10*	<214	214	28	226	59	242	89
11	<214	214	28	227	59	245	89

*Note: Smarter Balanced does not test students in grades 2, 9, and 10. The values shown in these grades are estimated MAP RIT scores indicating that the student is on track to perform at the designated performance level when tested on Smarter Balanced in subsequent years, so long as the student maintains consistent standing relative to U.S. achievement norms.

Estimated Probability of Scoring “Proficient” on CCSS-Based State Tests, Given a Student’s Math RIT Score

MATH TEST IN FALL

Estimated Probability of Performing at Level 3 or Higher

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

Public Schools of Petoskey

265	100%	100%	100%	99%	98%	97%	95%	93%	92%	90%
270	100%	100%	100%	99%	99%	98%	97%	96%	95%	94%
275	100%	100%	100%	100%	99%	99%	98%	97%	97%	96%
280	100%	100%	100%	100%	100%	99%	99%	98%	98%	98%
285	100%	100%	100%	100%	100%	100%	99%	99%	99%	99%
290	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%
295	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%
300	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

READING TEST IN FALL

Estimated Probability of Performing at Level 3 or Higher

RIT Range	2	3	4	5	6	7	8	9	10 Grade	
130	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
135	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
140	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%
145	4%	1%	0%	0%	0%	0%	0%	0%	0%	0%
150	6%	1%	1%	0%	0%	0%	0%	0%	0%	0%
155	9%	2%	1%	1%	0%	0%	0%	0%	0%	0%
160	14%	4%	2%	1%	1%	0%	0%	0%	0%	0%
165	22%	6%	3%	1%	1%	1%	0%	0%	0%	0%
170	31%	10%	4%	2%	1%	1%	1%	1%	0%	0%
175	43%	16%	7%	4%	2%	1%	1%	1%	1%	1%
180	55%	23%	11%	6%	4%	2%	2%	1%	1%	1%
185	67%	33%	17%	10%	6%	4%	3%	2%	2%	2%
190	77%	45%	25%	16%	9%	6%	5%	4%	3%	3%
195	84%	57%	36%	23%	14%	9%	8%	6%	5%	5%
200	90%	69%	48%	33%	22%	14%	12%	9%	8%	8%
205	94%	78%	60%	45%	31%	22%	18%	14%	13%	12%
210	96%	86%	71%	57%	43%	31%	27%	22%	20%	18%
215	98%	91%	80%	69%	55%	43%	38%	31%	29%	27%
220	99%	94%	87%	78%	67%	55%	50%	43%	40%	38%

Public Schools of Petoskey

225	99%	96%	92%	86%	77%	67%	62%	55%	52%	50%
230	99%	98%	95%	91%	84%	77%	73%	67%	64%	62%
235	100%	99%	97%	94%	90%	84%	82%	77%	75%	73%
240	100%	99%	98%	96%	94%	90%	88%	84%	83%	82%
245	100%	99%	99%	98%	96%	94%	92%	90%	89%	88%
250	100%	100%	99%	99%	98%	96%	95%	94%	93%	92%
255	100%	100%	100%	99%	99%	98%	97%	96%	96%	95%
260	100%	100%	100%	99%	99%	99%	98%	98%	97%	97%
265	100%	100%	100%	100%	99%	99%	99%	99%	98%	98%
270	100%	100%	100%	100%	100%	99%	99%	99%	99%	99%
275	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%
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

Estimated Probability of Scoring “Proficient” on CCSS-Based State Tests, Given a Student’s Math RIT Score

Estimated Probability of Performing at Level 3 or Higher

MATH TEST IN SPRING

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

Public Schools of Petoskey

270	100%	100%	100%	99%	98%	97%	95%	94%	94%	92%
275	100%	100%	100%	99%	99%	98%	97%	96%	96%	95%
280	100%	100%	100%	100%	99%	99%	98%	98%	98%	97%
285	100%	100%	100%	100%	100%	99%	99%	99%	99%	98%
290	100%	100%	100%	100%	100%	100%	99%	99%	99%	99%
295	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%
300	100%	100%	100%	100%	100%	100%	100%	100%	100%	100

MAP READING TEST IN SPRING

Estimated Probability of Performing at Level 3 or Higher

RIT Range	2	3	4	5	6	7	8	9	10	Grade
130	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
135	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
140	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
145	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
150	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
155	2%	1%	1%	0%	0%	0%	0%	0%	0%	0%
160	4%	2%	1%	1%	0%	0%	0%	0%	0%	0%
165	6%	3%	1%	1%	1%	0%	0%	0%	0%	0%
170	10%	4%	2%	1%	1%	1%	1%	0%	0%	0%
175	16%	7%	4%	2%	1%	1%	1%	1%	1%	1%
180	23%	11%	6%	4%	2%	1%	1%	1%	1%	1%
185	33%	17%	9%	6%	4%	2%	2%	2%	2%	2%
190	45%	25%	14%	10%	6%	4%	4%	3%	3%	3%
195	57%	36%	22%	16%	10%	6%	6%	5%	5%	4%
200	69%	48%	31%	23%	16%	10%	9%	8%	8%	7%
205	78%	60%	43%	33%	23%	16%	14%	13%	12%	11%
210	86%	71%	55%	45%	33%	23%	22%	20%	18%	17%
215	91%	80%	67%	57%	45%	33%	31%	29%	27%	25%
220	94%	87%	77%	69%	57%	45%	43%	40%	38%	36%
225	96%	92%	84%	78%	69%	57%	55%	52%	50%	48%

Public Schools of Petoskey

230	98%	95%	90%	86%	78%	69%	67%	64%	62%	60%
235	99%	97%	94%	91%	86%	78%	77%	75%	73%	71%
240	99%	98%	96%	94%	91%	86%	84%	83%	82%	80%
245	99%	99%	98%	96%	94%	91%	90%	89%	88%	87%
250	100%	99%	99%	98%	96%	94%	94%	93%	92%	92%
255	100%	100%	99%	99%	98%	96%	96%	96%	95%	95%
260	100%	100%	99%	99%	99%	98%	98%	97%	97%	97%
265	100%	100%	100%	99%	99%	99%	99%	98%	98%	98%
270	100%	100%	100%	100%	99%	99%	99%	99%	99%	99%
275	100%	100%	100%	100%	100%	99%	99%	99%	99%	99%
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%