

Student MAP Scores

Student MAP testing results are reported in RIT scores (short for Rasch Unit). A RIT score is an estimation of a student's instructional level and also measures student progress or growth in school. You may have a chart in your home on which you mark your child's height at certain times, such as on his or her birthday. This is a growth chart to show how much he or she has grown from one year to the next. MAP assessments do the same sort of thing, except they measure your student's growth in mathematics, reading, and language usage. The RIT scale is an equal-interval scale much like feet and inches on a yardstick. It is used to chart your child's academic growth from year to year. This type of score increases the value of the tests as a tool to improve student learning because it enables teachers to pinpoint what students have learned and what students are ready to learn.

Understanding the RIT Score

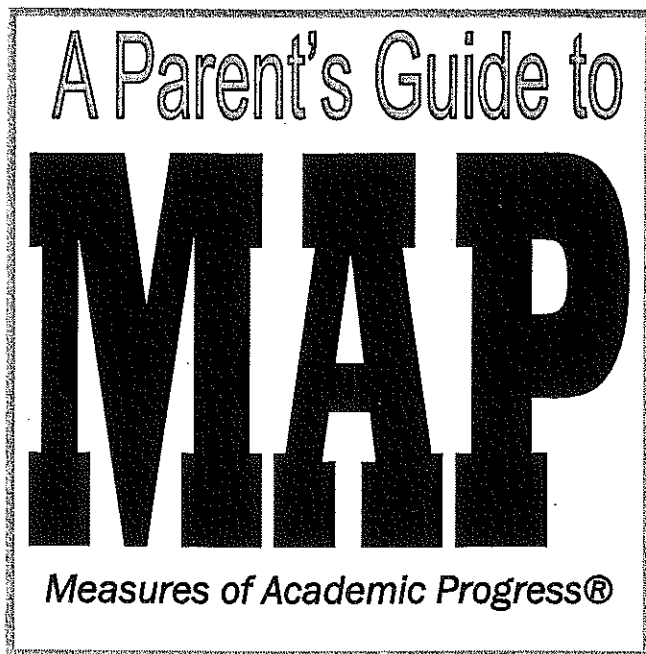
The charts on the inside of this brochure show national median RIT scores for grades 1-9 in a typical school district. You may use these charts to help determine if your student is performing at, above, or below grade level compared to students across the nation.

It is important to understand that the MAP test is one test at one point in time. It does not measure intelligence or a student's capacity for learning. When making important decisions about students, school staff will consider the MAP test results along with other data such as classroom performance, other test scores, and input from parents and teachers.

Growth Over Time

We expect RIT scores to increase over time. Typically, younger students show more growth in one year than older students. Students who test above grade level often show less growth. Sometimes RIT scores may decline from one test to the next. One low test score is not cause for immediate concern. Like adults, students have good and bad days and their test results do not always indicate what they know. Students' attitudes toward the test can also affect their score. Therefore, growth over time is a better measure of student learning.

Parents and guardians should become comfortable with the understanding that individuals will grow at different rates. Anticipated growth rates for each student are based on national norms and should be viewed as "typical" growth, not expected growth. Teachers and principals have participated in training to learn what the MAP test results mean and how to best utilize the results. Our goal is for teachers to use the data to differentiate and adjust instruction so that all students grow at levels appropriate for each individual.



WHAT IS MAP?

Measures of Academic Progress (MAP) is a state-aligned computerized adaptive assessment program that provides Aiken County educators with the information they need to improve teaching and learning and make student-focused, data-driven decisions. Students in grades one through nine are tested three times per year in math, reading, and language usage. Educators use the growth and achievement data from MAP to develop targeted instructional strategies and to plan school improvement.

MAP:

- Is not an accountability test
- Generates test questions based on student responses
- Reports student results in RIT scores (see back page)
- Gives immediate results
- Is aligned to SC curriculum standards
- Measures growth over time
- Provides information used to target individual instruction



- **Exceeds Target** – Students scoring in this range are predicted to earn a score of 24 on the ACT based on research conducted by NWEA in 2013. This is the score identified by the study as indicating college readiness at the State University level. NWEA to ACT target analysis is expected to be updated this year by NWEA, and will be reviewed once available.
- **Meets Target** – Approximately 90% of students scoring in this range are predicted to meet standards on the upcoming Minnesota Comprehensive Assessment (MCA) III.
- **Below Target** – Approximately 50% of students scoring in this range are predicted to meet standards on the upcoming Minnesota Comprehensive Assessment (MCA) III.
- **Well Below Target** – Approximately 10% of students scoring in this range are predicted to meet standards on the upcoming Minnesota Comprehensive Assessment (MCA) III.



NWEA Measures of Academic Progress: Math RIT Score

Grade	Tier	Fall Score	Winter Score	Spring Score
K	Exceeds Target	158+	168+	177+
	Meets Target	140	149	157
	Below Target	125-139	135-148	143-156
	Well Below Target	Below 125	Below 135	Below 143
1	Exceeds Target	176+	184+	191+
	Meets Target	160	170	178
	Below Target	147-159	160-169	169-177
	Well Below Target	Below 147	Below 160	Below 169
2	Exceeds Target	188+	195+	201+
	Meets Target	174 - 187	184 - 194	190 - 200
	Below Target	162 - 173	173 - 183	181 - 189
	Well Below Target	Below 162	Below 173	Below 181
3	Exceeds Target	207+	214+	220+
	Meets Target	188 - 206	195 - 213	201 - 219
	Below Target	177 - 187	186 - 194	194 - 200
	Well Below Target	Below 177	Below 186	Below 194
4	Exceeds Target	217+	222+	227+
	Meets Target	201 - 216	208 - 221	214 - 226
	Below Target	192-200	199 - 207	205 - 213
	Well Below Target	Below 192	Below 199	Below 205
5	Exceeds Target	228+	234+	240+
	Meets Target	216 - 227	223 - 233	229 - 239
	Below Target	207 - 215	215 - 222	221 - 228
	Well Below Target	Below 207	Below 215	Below 221
6	Exceeds Target	239+	243+	246+
	Meets Target	226 - 238	231 - 242	234 - 245
	Below Target	218 - 225	224 - 230	228 - 233
	Well Below Target	Below 218	Below 224	Below 228
7	Exceeds Target	242+	245+	248+
	Meets Target	232 - 241	236 - 244	239 - 247
	Below Target	224 - 231	229 - 235	232 - 238
	Well Below Target	Below 224	Below 229	Below 232
8	Exceeds Target	247+	250+	253+
	Meets Target	238 - 246	240 - 249	242 - 252
	Below Target	228 - 237	231 - 239	234 - 241
	Well Below Target	Below 228	Below 231	Below 234
9	Exceeds Target	250+	253+	255+
	Meets Target	244 - 249	247 - 252	249 - 254
	Below Target	234 - 243	237 - 246	240 - 248
	Well Below Target	Below 234	Below 237	Below 240
10	Exceeds Target	253+	256+	258+
	Meets Target	248-253	250 - 255	251 - 257
	Below Target	238 - 247	240 - 249	241 - 250
	Well Below Target	Below 238	Below 240	Below 241



NWEA Measures of Academic Progress: Reading RIT Score

Grade	Tier	Fall Score	Winter Score	Spring Score
K	Exceeds Target	164+	174+	182+
	Meets Target	146-163	155-173	162-181
	Below Target	132-145	142-154	151-161
	Well Below Target	Below 132	Below 142	Below 151
1	Exceeds Target	180+	188+	195+
	Meets Target	164-179	174-187	182-194
	Below Target	147-163	159-173	169-181
	Well Below Target	Below 147	Below 159	Below 169
2	Exceeds Target	194+	200+	205+
	Meets Target	180-193	188-199	195-204
	Below Target	160-179	171-187	181-194
	Well Below Target	Below 160	Below 171	Below 181
3	Exceeds Target	205+	209+	213+
	Meets Target	194-204	200-208	205-212
	Below Target	180-193	189-199	197-204
	Well Below Target	Below 180	Below 189	Below 197
4	Exceeds Target	214+	218+	221+
	Meets Target	205-213	210-217	214-220
	Below Target	195-204	201-209	206-213
	Well Below Target	Below 195	Below 201	Below 206
5	Exceeds Target	220+	223+	226+
	Meets Target	211-219	214-222	217-225
	Below Target	202-210	206-213	209-216
	Well Below Target	Below 202	Below 206	Below 209
6	Exceeds Target	226+	228+	230+
	Meets Target	218-225	221-227	223-229
	Below Target	209-217	213-220	216-222
	Well Below Target	Below 209	Below 213	Below 216
7	Exceeds Target	229+	231+	232+
	Meets Target	224-228	226-230	228-231
	Below Target	216-223	218-225	220-227
	Well Below Target	Below 216	Below 218	Below 220
8	Exceeds Target	232+	234+	235+
	Meets Target	229-231	230-233	231-234
	Below Target	220-228	222-229	224-230
	Well Below Target	Below 220	Below 222	Below 224
9	Exceeds Target	234+	236+	237+
	Meets Target	228-233	230-235	232-236
	Below Target	214-227	216-229	218-231
	Well Below Target	Below 214	Below 216	Below 218
10	Exceeds Target	237+	238+	239+
	Meets Target	232-236	233-237	234-238
	Below Target	220-231	221-232	222-233
	Well Below Target	Below 220	Below 221	Below 222