



MAP Informational Meeting

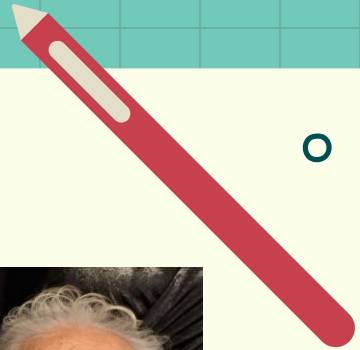
Tomiko M. Park, Ed.S
Assistant Principal
Chief of Data Accountability & Assessment

August 26, 2024

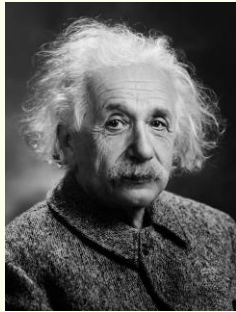


Frequently Asked Questions about MAP

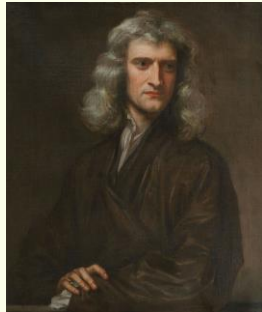
- What is MAP?
- What does MAP Measure?
- How do I interpret the results?
- How will my child's teacher use the results?



Disclaimer...



Albert Einstein



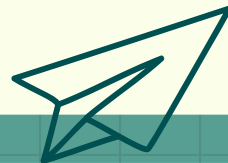
Isacc Newton



YHALE's Math Coordinator

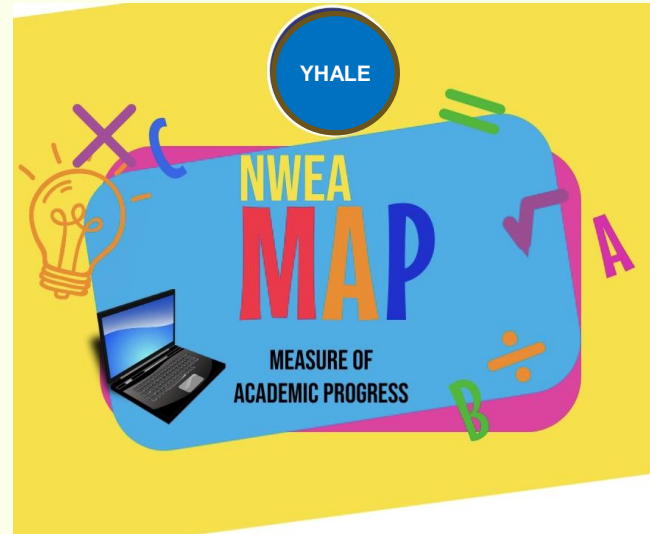


Katherine Johnson



Question #1: What is MAP?

- MAP- Measure of Academic Progress
- A computerized adaptive test that helps teachers and school leaders to make informed decisions to promote a child's academic growth.
- YHALE students take the MAP assessment three times a year in August, January, and May.



Real World Connection

- During a regular doctor's appointment, we learn the status of our health.
- Based upon the results, a wellness plan is created to improve our health.
- A follow-up visit is schedule to determine how well the wellness plan is working or if we need to revise the plan.



Question #1: What is MAP?

Answer: An assessment given three times a year to determine a student's academic progress over the course of a school year.



Question #2: What does MAP measure?

- Students are given MAP Growth assessments in reading, math, and science (grades 3-6 only).
- The test is adaptive so as students take the test, difficulty is adjusted based on a student's answer.
- The test is not a pass or fail test. It simply measures where students are today, so goals can be set to improve growth throughout the school year.

HOW IT WORKS

The questions adjust in difficulty based on student's answers.

Question 1: $10 + 2$

If the student answers correctly, he or she is given a more difficult question.

CORRECT

Question 2: $10 + 12$

If the student answers this question incorrectly, he or she will be given a question easier than the second, but more difficult than the first.

INCORRECT

Question 3: $12 + 3$

Questions will continue this way until proficiency level is determined, eliminating questions too far above or below.

The measurement tells us where students will typically start the school year and how they may progress throughout the year.

2015 READING Student Status Norms						
Grade	Begin-Year		Mid-Year		End-Year	
	Mean	SD	Mean	SD	Mean	SD
K	141.0	13.54	151.3	12.73	158.1	12.85
1	160.7	13.08	171.5	13.54	177.5	14.54
2	174.7	15.52	184.2	14.98	188.7	15.21
3	188.3	15.85	195.6	15.14	198.6	15.10
4	198.2	15.53	203.6	14.96	205.9	14.92
5	205.7	15.13	209.8	14.65	211.8	14.72
6	211.0	14.94	214.2	14.53	215.8	14.66
7	214.4	15.31	216.9	14.98	218.2	15.14
8	217.2	15.72	219.1	15.37	220.1	15.73
9	220.2	15.68	221.3	15.54	221.9	16.21
10	220.4	16.85	221.0	16.70	221.2	17.48
11	222.6	16.75	222.7	16.53	222.3	17.68

2015 MATHEMATICS Student Status Norms						
Grade	Begin-Year		Mid-Year		End-Year	
	Mean	SD	Mean	SD	Mean	SD
K	140.0	15.06	151.5	13.95	159.1	13.69
1	162.4	12.87	173.8	12.96	180.8	13.63
2	176.9	13.22	186.4	13.11	192.1	13.54
3	190.4	13.10	198.2	13.29	203.4	13.81
4	201.9	13.76	208.7	14.27	213.5	14.97
5	211.4	14.68	217.2	15.33	221.4	16.18
6	217.6	15.53	222.1	16.00	225.3	16.71
7	222.6	16.59	226.1	17.07	228.6	17.72
8	226.3	17.85	229.1	18.31	230.9	19.11
9	230.3	18.13	232.2	18.62	233.4	19.52
10	230.1	19.60	231.5	20.01	232.4	20.96
11	233.3	19.95	234.4	20.18	235.0	21.30

2015 GENERAL SCIENCE Student Status Norms						
Grade	Begin-Year		Mid-Year		End-Year	
	Mean	SD	Mean	SD	Mean	SD
3	187.5	11.74	192.6	10.92	195.4	11.01
4	194.6	11.16	198.7	10.75	201.0	10.92
5	200.2	11.06	203.7	10.80	205.7	11.07
6	204.3	11.54	207.1	11.40	208.6	11.73
7	207.2	11.92	209.5	11.87	210.9	12.23
8	210.3	12.28	212.3	12.19	213.5	12.63
9*	212.4	12.83	213.9	12.78	214.8	13.32
10*	213.4	13.76	214.5	13.72	215	14.29

Real World Connection

Based upon my height, there is a **typical** number of pounds I should weigh.



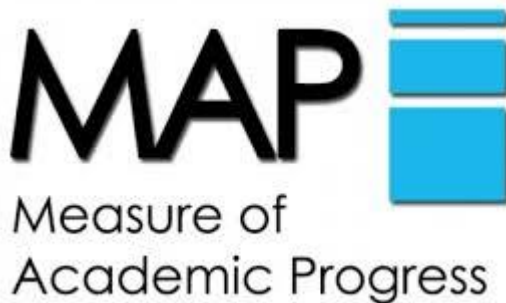
Shooting
Guard



Center

Question #2: What does MAP measure?

Answer: It measures a student's current progress in reading, math, and science. The results will help teachers and school leaders know what students are ready to learn.



Question #3: How do I interpret the results?

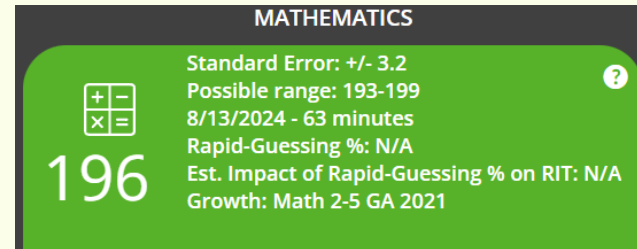
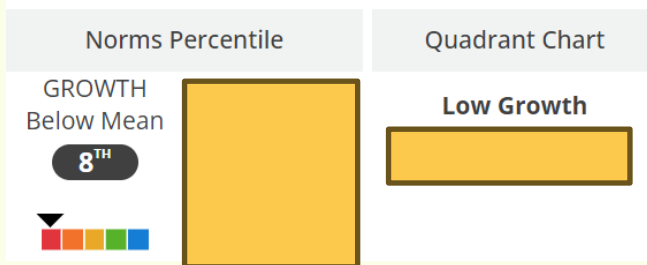
- Again, know that the results do not determine pass or fail. The results provide a point in time.
- Once students take the MAP assessment in August, results will provide a mean score (RIT score) and growth and achievement as percentiles.
- Think of a yardstick measuring learning growth.



Percentile Rankings

Growth Percentiles

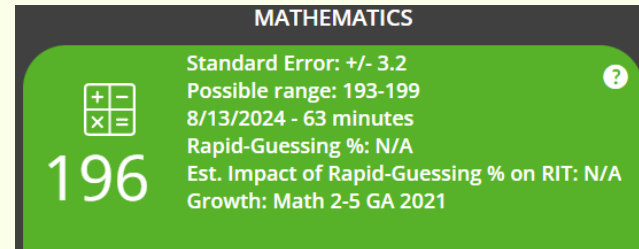
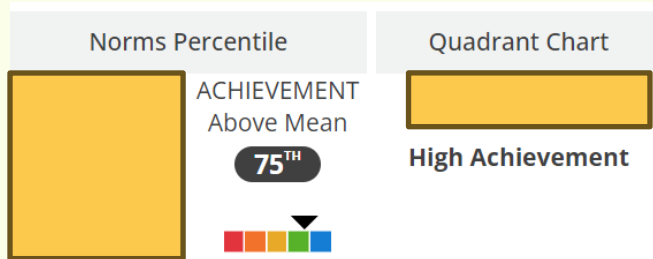
- A percentile provides a student's rank among those in his/her grade level.
- This student's growth is 8% better than those students that tested in her grade level.



Percentile Rankings

Achievement Percentiles

- This student's achievement score ranked at 75% better than other students who took the test.



Question #3: How do I interpret the results?

Answer: Again, know that the results do not determine pass or fail. The results provide a point in time.

Percentiles are rankings and not scores.

Growth percentiles are typically lower in the Fall than another other point in the school year.

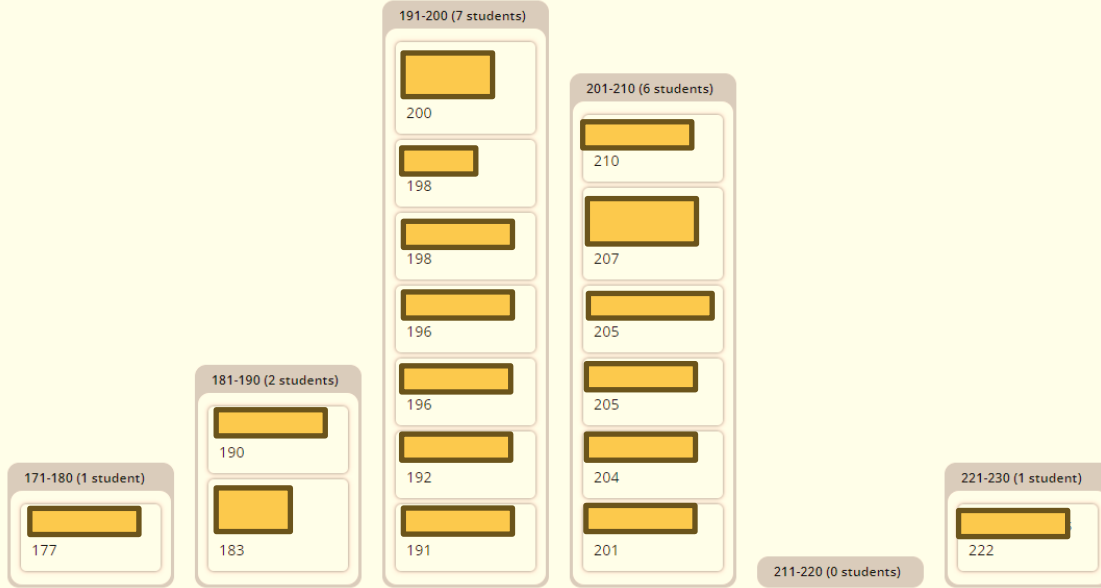


Question #3: How will my child's teacher use the results?

- To individualize instruction based on assessed strengths and weaknesses
- To identify the most appropriate strategies for:
 - enhancing student learning
 - choosing advanced course work
 - providing academic support



Math Instructional Groups



Congratulations, you finished the test!

Mathematics

Math K-12

Overall Score: 291

Goal Name: Operations and Algebraic Thinking

Goal Score: 293

Goal Range: 285 - 302

Goal Name: The Real and Complex Number Systems

Goal Score: 322

Goal Range: 309 - 336

Goal Name: Geometry

Goal Score: 268

Goal Range: 257 - 279

Goal Name: Statistics and Probability

Goal Score: 283

Goal Range: 276 - 291

The total test time was: 00:47:49

Date: May 19, 2023 **Test Name:** Growth: Math 6+ CCSS 2010 V2

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For additional questions or resources :

- tpark@yhale.com
- YouTube Video- *MAP Student Profile, Family Report and Student Progress*

