

Measures of Academic Progress (MAP)

An Overview of MAP and its Benefits to DCSD Stakeholders



Assessments

- (MPG) MAP for Primary Grades**
 - Grades K-2
 - Reading and Math
- MAP**
 - Grades 2-12
 - Math
 - Reading
 - Language Usage
 - Science Grades 3-8
- Skills Navigator**
 - Grades 3-8 Reading and Math
 - Progress Monitoring and Remediation

The Test

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To Ensure Students Are Working Towards Success, We Must Ask Two Key Questions:

Progress: Is this student growing as expected?

Mastery: What skills has this student developed? What comes next?

MAP & MAPG

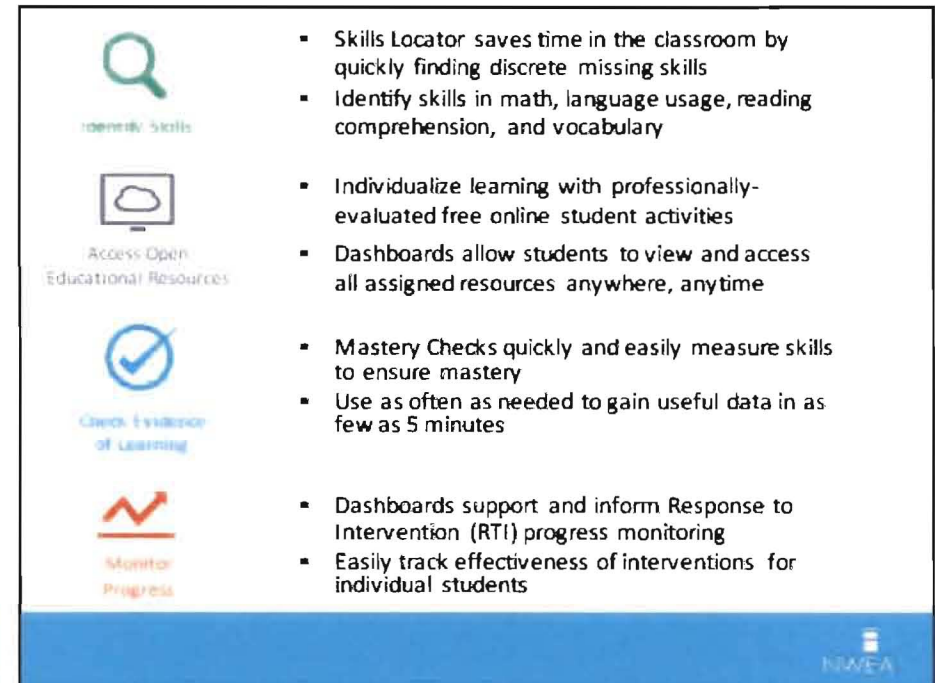
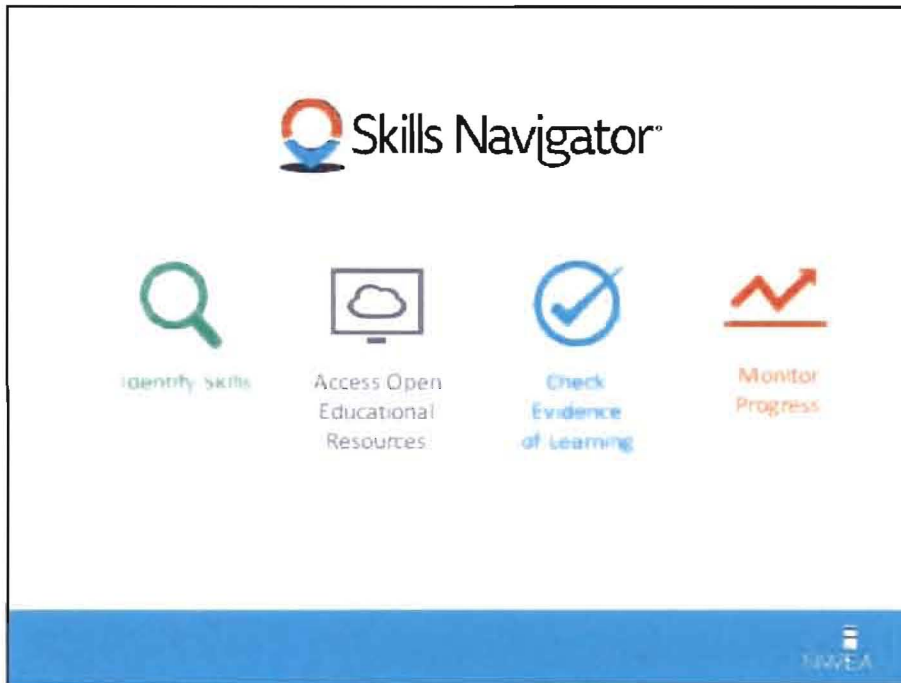
Skills / Activities & Skills Navigator

Guide instruction throughout the year

NWEA

MAP provides a full range of assessments for reading and math (grades K-2) for math, reading, and language usage (grades 2-12), and for science (grades 3-8). MAP assessment data is then used in MAP Skills Navigator to establish student-specific learning paths with skills-based activities for students in grades 3-8 in reading and mathematics.

MAP Skills Navigator

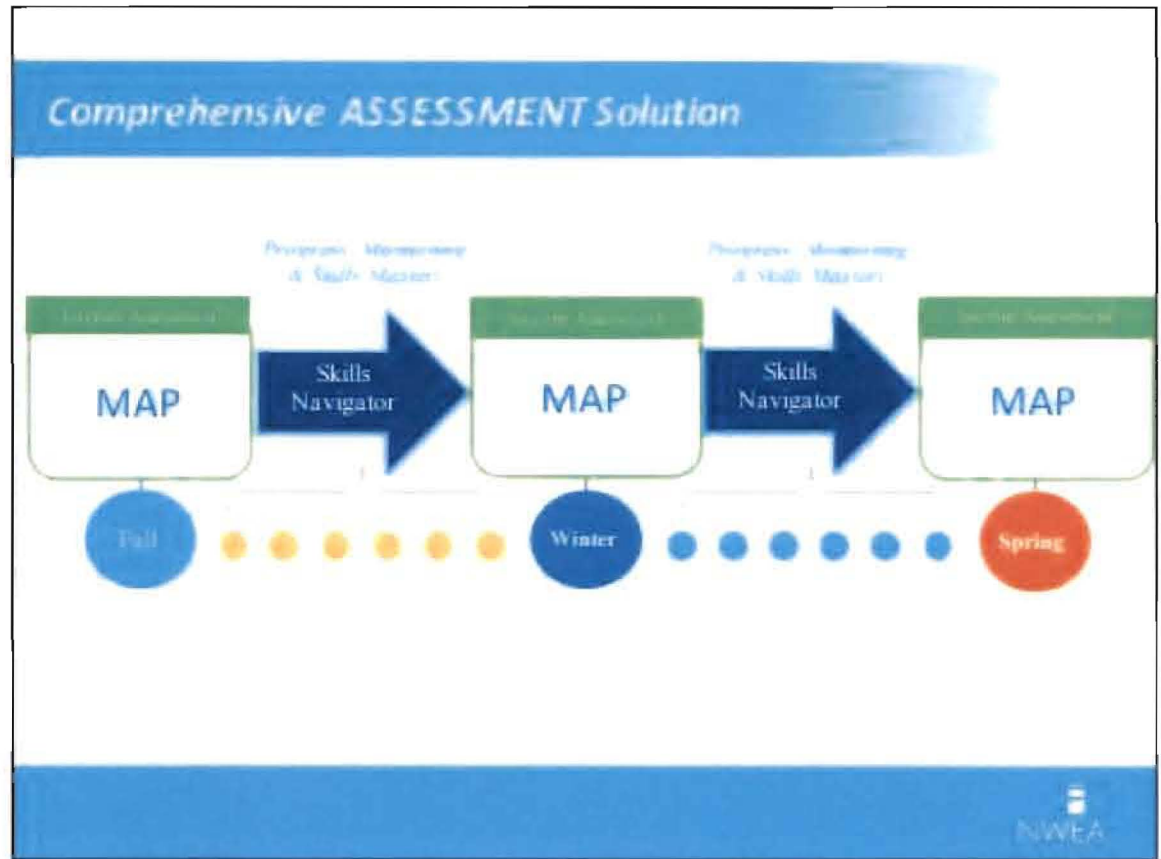


Schools in DCSD use MAP Skills Navigator activities to build missing foundational skills in math, language usage, reading comprehension, and vocabulary. Through Skills Navigator, students have access to open educational resources and free online activities. In addition, educators have access to dashboards to assist with Response to Intervention (RtI) progress monitoring, and to check for evidence of learning and student mastery.

MAP is a Comprehensive Assessment Solution

MAP is administered in the Fall, Winter, and Spring as a formative, interim assessment.

Administering MAP three times throughout the year assists educators with determining a student's current instructional level, provides progress monitoring information for acceleration and remediation, and determines year-end annual growth compared to the fall and prior years. Spring MAP data also helps to identify summer learning activities and potential fall placement.



The RIT (Rausch Unit) Scale

The RIT Scale

- Equal interval, grade-level independent, stable
- Designed to measure longitudinal growth over time
- Measures student achievement and test item difficulty
- Ready for Instruction Today

$X = [20d + 4m]^2$
 $Y = [11d + 8m]$

220
210
200
190
180
170
160

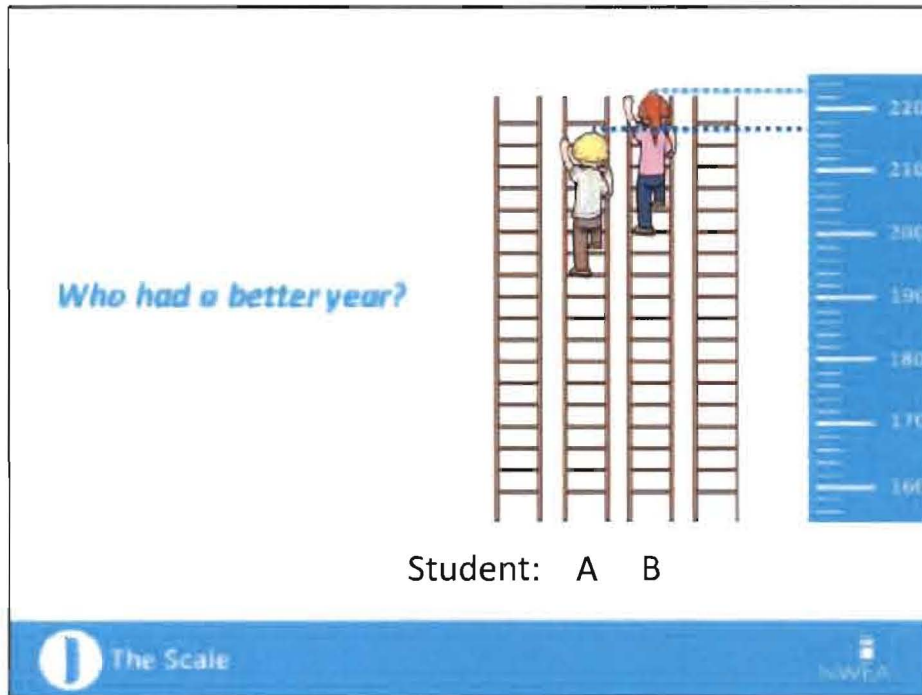
The Scale NWEA

The RIT score is an equal-interval scale, like feet and inches, that is independent of grade level.

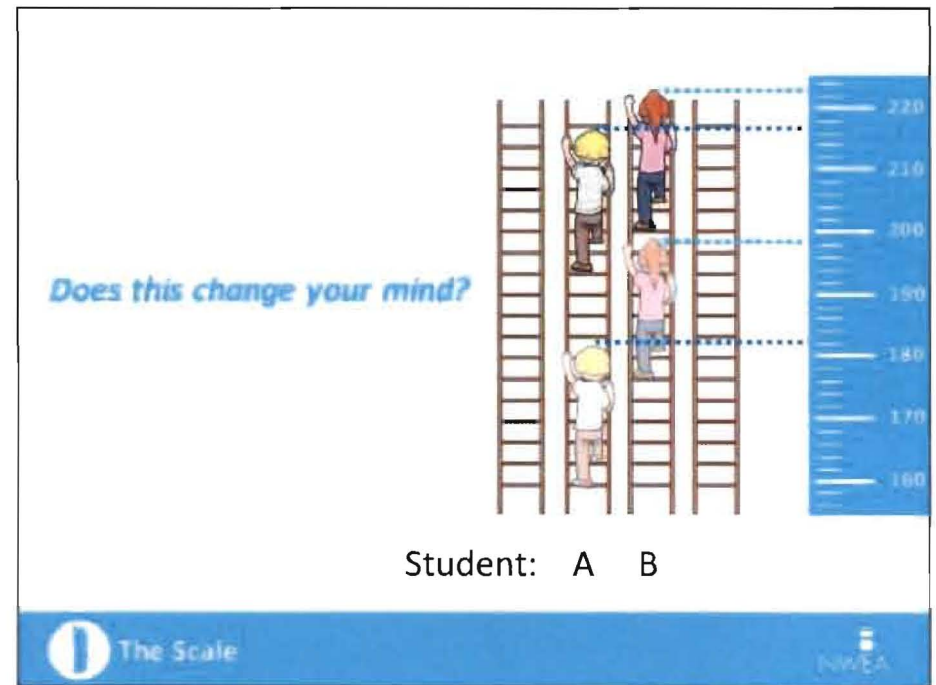
The RIT scale measures student achievement, so it allows educators to measure growth throughout the year and from year to year.

The RIT scale also measures test item difficulty.

The RIT (Rausch Unit) Scale



Student B has a higher RIT score than Student A



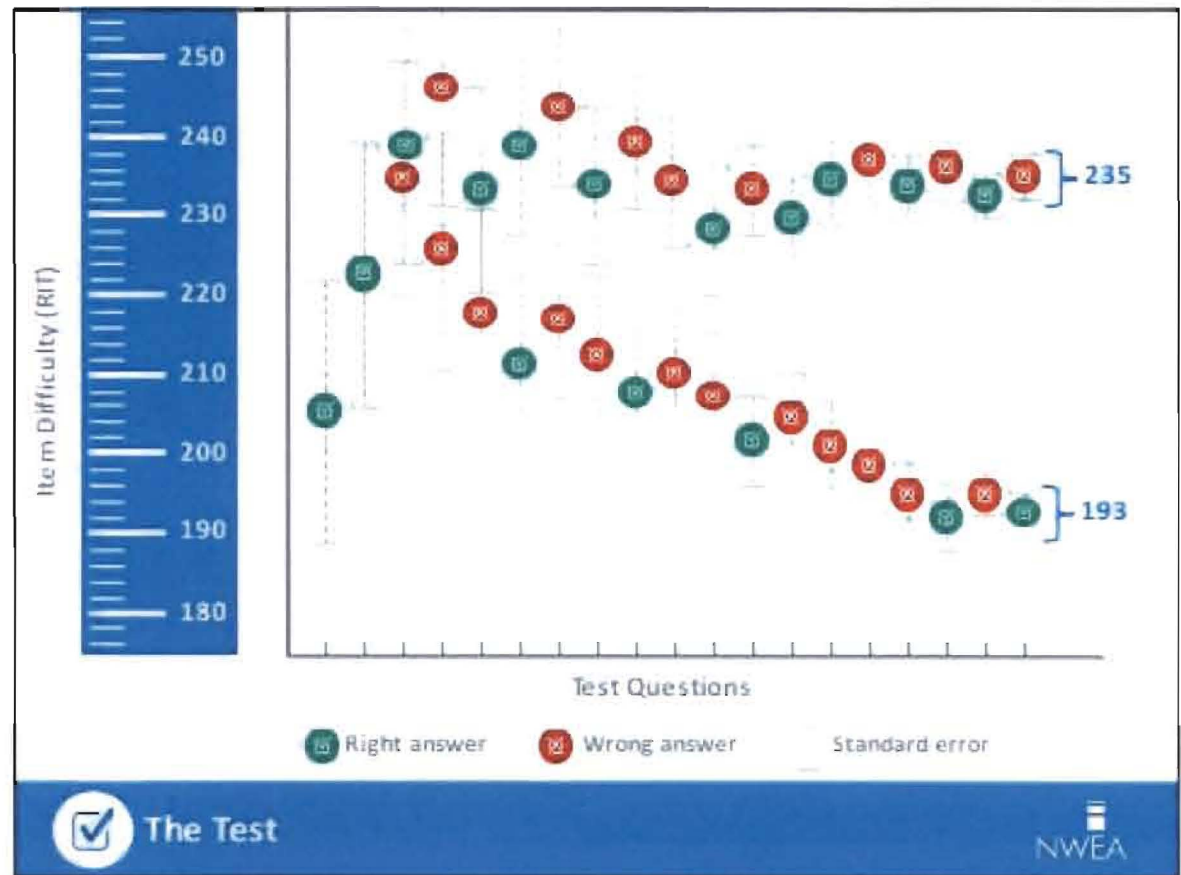
Student A demonstrated more growth than Student B

MAP Assessments are Computer-Adaptive


The test adjusts as students get answers correct or incorrect, as illustrated by the graph to the right.

As students get test items correct, the RIT item difficulty increases, and when a student gets a question wrong, the RIT item difficulty decreases.


The assessment will continue to adjust to determine the student's RIT instructional level.




MAP Test Items



Total Items in MAP Item Pool	MC	TEI	DOK 2 & 3
40k	35k	5k	20k



The Test



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40,000 total test items

35,000 are multiple choice

5,000 are technology enhanced items

Half of the total test items (20,000) are at Depth of Knowledge (DOK) 2 and 3

Sample
MAP
Technology
Enhanced
Items
(TEIs)

2

Drag the comma to the correct places in the sentences.

After the Civil War came the process of rebuilding the South. The region needed to build or repair schools churches hospitals roads bridges and railways. It was a long and difficult process.

The Test NWEA

4

A student made this list of his characteristics. Click on all the characteristics that are inherited.

Student Characteristics

- 1.4 m tall
- Reads well
- Brown eyes
- Short hair
- Speaks English
- Plays drums
- Uses cellphone
- Left handed
- Tells jokes

The Test NWEA

4

The table shows family size and recycling information for several different families. Drag the points onto the graph to make a scatter plot of the data.

Family Size	Pounds of Recycling
3	19
4	22
2	22
5	32
3	28
3	18
5	34

Family Recycling

The Test NWEA

4

Drag and drop the stages of the life cycle of a frog into the diagram in the correct order.

The Test NWEA

MAP Reports

Student Level

- Student Profile
- Family Report
- Student Progress
- Student Goal Setting Worksheet
- K-2 Screening and Skills Checklist

Class Level

- Class Report
- Learning Continuum
- Class Breakdown by RIT, Goal or Projected Proficiency
- Achievement Status and Growth Summary
- K-2 Screening and Skills Checklist

School/District Level

- Grade Report
- Grade Breakdown
- Retest Recommended
- Projected Proficiency Summary
- Student Growth Summary
- District Summary

Insights at Every Level

Students

- Students use MAP results to **set growth goals** for themselves – deepening their engagement and ownership of learning.

Teachers

- Teachers **differentiate instruction, identify instructional resources, and collaborate** with the child's whole learning team to monitor growth.

School and District Leaders

- Administrators use the data for **flexible grouping, program evaluations, resource allocation, and proficiency projections.**

 **The Reports**

College and Career Readiness Connections

NWEA
Measuring what matters

College Readiness Benchmarks & Placement Guidance

- Provides predications for students to achieve ACT benchmarks in grades 5-9

		5	6	7	8	9	10	11	2015 Norms Percentile				
Higher Achievement	College Ready (SAT ≥ 1000)								61-68				
	CCR (ACT ≥ 22)								61-74				
	CCR (ACT ≥ 24)								70-83				
Lower Achievement	NWEA Fall	105	104	109	112	125	136	150	166	186	95		
	NWEA Fall	155	177	199	201	216	226	233	236	245	250	84	
	NWEA Fall	168	169	183	197	209	219	225	231	235	239	240	69
	NWEA Median Fall	190	182	177	190	202	211	218	221	226	230	233	50
	NWEA Fall	132	150	170	184	195	204	210	216	217	221	220	31
	NWEA Fall	127	152	164	177	188	197	202	206	208	212	211	213
NWEA Fall	110	141	157	171	181	189	195	198	200	204	201	204	7

A student score at or above the following scores on a 6+ Mathematics Survey with Coalt test suggests student readiness for 131 Introduction to Algebra, 135 Algebra, 145 Geometry.

<https://www.nwea.org/content/uploads/2015/06/MAP-College-Readiness-Benchmarks-Study-AUG15.pdf>

Use your MAP score to explore colleges and universities

Interested in learning which colleges might be a good fit for you?

Go on a college fit search to explore colleges and universities that match your MAP score.

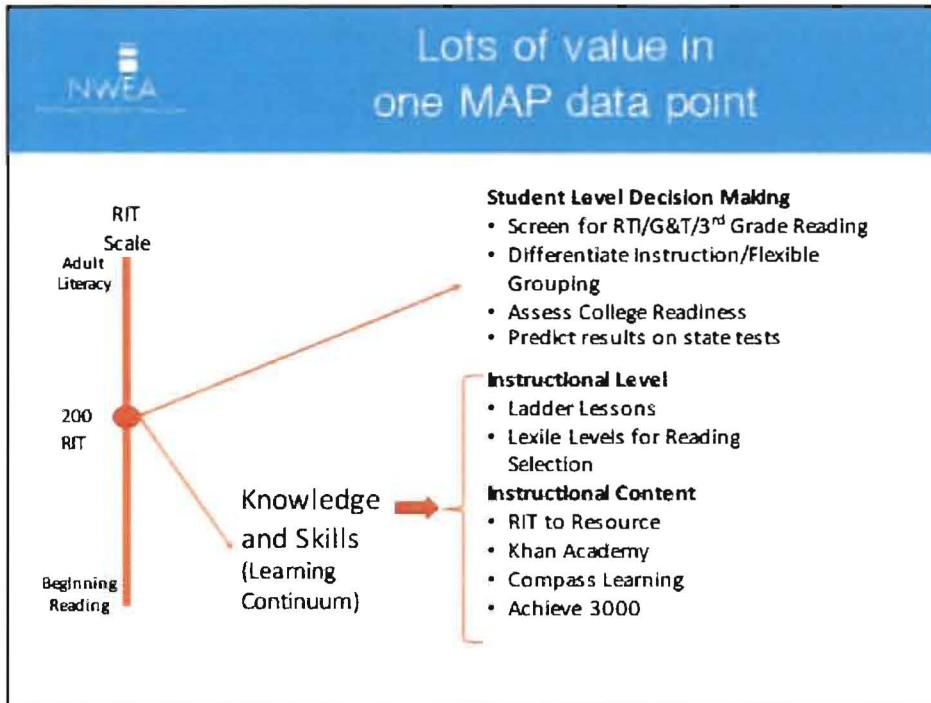
Go on a college fit search to explore colleges and universities that match your MAP score.

GO TO LIVE DEMONSTRATION

NWEA's NEW College Interactive Tool!

Besides Georgia Milestones End-of-Grade proficiency projections, MAP also provides predictions for students to attain college and career readiness benchmarks as measured by ACT and SAT. Students can also use their MAP scores to explore potential colleges.

RIT Score Uses



Instructional Content Providers

noredink

CompassLearning

triumphlearning

Study Island

Odysseyware

Classworks

Edgenuity

ACHIEVE3000

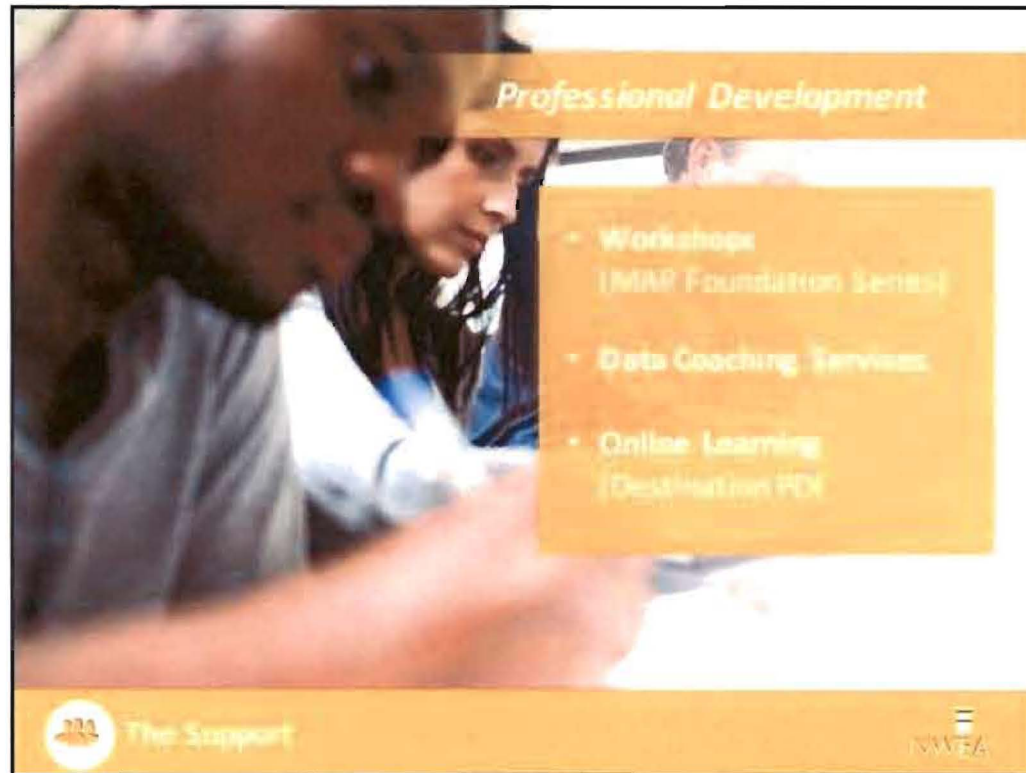
Silverback Learning Solutions

The Data

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MAP RIT scores can be used in a multitude of ways. Scores can be used for screening (RtI, gifted), to determine differentiated instructional groups, to determine a student’s projected proficiency on state assessments, to assess college readiness, and to pinpoint a student’s instructional level, including a Lexile range for selecting text. In addition, MAP has several instructional content provider partners who can utilize a student’s RIT score to establish learning pathways within their respective systems.

Professional Learning Options



NWEA offers face-to-face workshops, data coaching services, and online learning as part of our contract renewal.

Annually, the Office of Assessment Administration offers MAP training for all new teachers and administrators, offers refresher courses as needed, and sends district coordinators to school locations to assist staff in using the MAP test administration system and interpreting reports.