Who is NWEA?

- + Not-for-Profit organization
- Over 40 years serving educators
- Mission-Driven research and assessment
- Founded by Educators

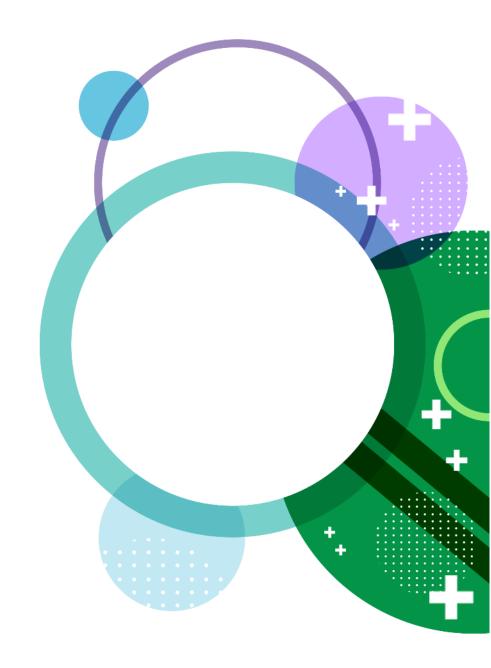
"Partnering to Help All Kids Learn"





Lisa Armstrong

Lisa.armstrong@nwea.org



\$6.9M in Total Grant Support





\$1M



\$2M



Baton Rouge Area Foundation \$1M



\$900k



\$2.5M

Assessments (+)

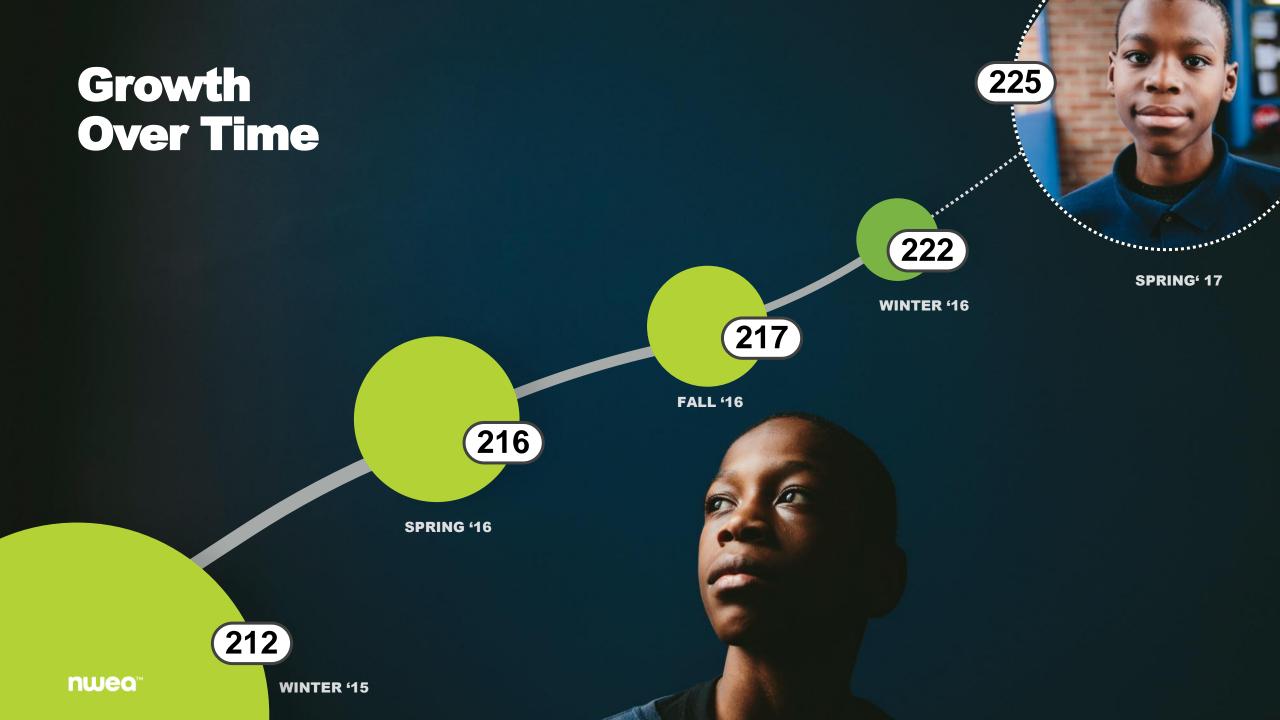




Personalized Learning



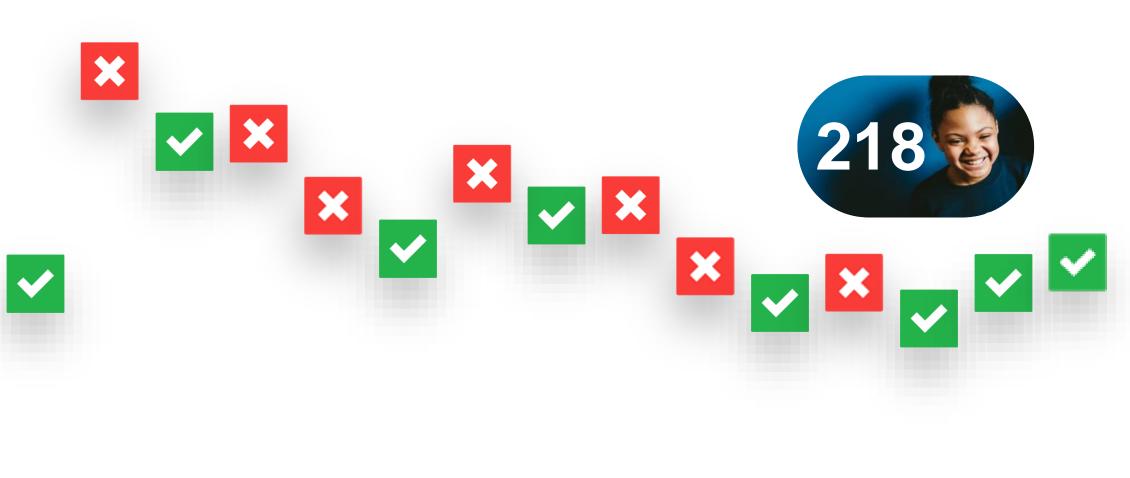


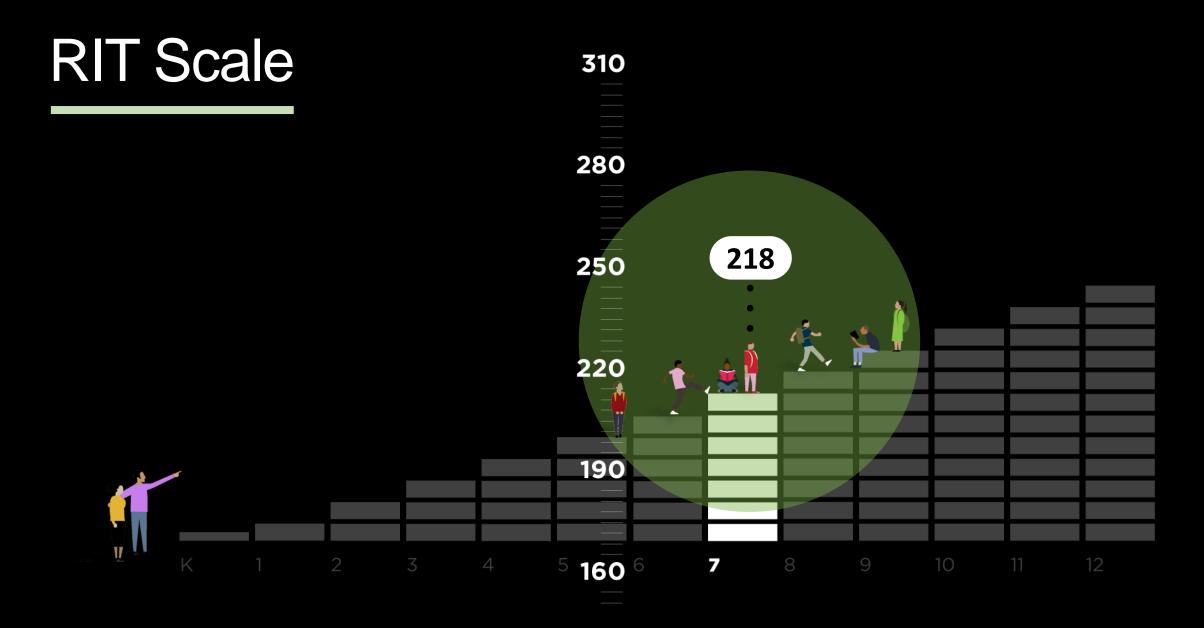


How does MAP Growth Assess?



Computer adaptive assessments





GROWTH

Whigham, Christopher Geometry Part A - Whigham - 2

Term Rostered: Fall 2019-2020 Term Tested: Fall 2019-2020

District: District 1
School: HS 1

Weeks of Instruction: 2 (Fall 2019)

Mathematics

Growth: Geometry CCSS 2010 / Common Core State Standards Mathematics: 2010

Goal		Goal Score							
Goal	171-180	181-190	191-200	201-210	211-220	221-230	231-240	241-250	
Congruence, Similarity, Right Triangles, & Trig				P. Student (194) I. Pearson (211)	S. Gary (212) S.C. Pearson (217)	K.D. Nedwards (219) F. Ruffin (219) M. Johnson (221) A. Harris (223) Z.C. Hall (228) T.Y. Lee (228)		H. Campbell (231)	
Geometric Properties with Equations and Circles					I. Pearson (211) A. Harris (223)	D. Burke (194) S. Gary (212) S.C. Pearson (217) K.D. Nedwards (219) F. Ruffin (219) M. Johnson (221) T.Y. Lee (228) H. Campbell (231)	Z.C. Hall (228)		
Geometric Measurement and Modeling			D. Burke (194)	I. Pearson (211) S. Gary (212)	K.D. Nedwards (219) F. Ruffin (219) M. Johnson (221)	S.C. Pearson (217) A. Harris (223) Z.C. Hall (228) T.Y. Lee (228)	H. Campbell (231)		
Applications of Probability	D. Burke (194)			S. Gary (212) S.C. Pearson (217) H. Campbell (231)	I. Pearson (211) K.D. Nedwards (219) F. Ruffin (219)	M. Johnson (221) A. Harris (223) Z.C. Hall (228) T.Y. Lee (228)			

View All Instructional Areas

Geometry

♦ Suggested Area of Focus

199 ± 4.6

Operations and Algebraic Thinking

204 ± 4.3

The Real and Complex Number Systems

214 ± 5.2

Statistics and Probability

♦ Relative Strength

217

These learning statements apply to Sean's current RIT score:

Geometry

CCSS.Math.Content.4.G.A.3: Recognize a line of symmetry for a two-dimensional figure as a line across the figure such that the figure can be folded along the line into matching parts. Identify line-symmetric figures and draw lines of symmetry.

Sean is ready to DEVELOP these skills (191-200):

Determines the number of lines of symmetry in 2-D figures

Identifies 2-D figures which have line symmetry

Recognizes lines of symmetry in 2-D figures

CCSS.Math.Content.8.G.A.2: Understand that a two-dimensional figure is congruent to another if the second can be obtained from the first by a sequence of rotations, reflections, and translations; given two congruent figures, describe a sequence that exhibits the congruence between them.

Sean is ready to DEVELOP these skills (191-200):

Describes a single transformation that shows two shapes are congruent, without the coordinate plane

CCSS.Math.Content.HSG-CO.B.7: Use the definition of congruence in terms of rigid motions to show that two triangles are congruent if and only if corresponding pairs of sides and corresponding pairs of angles are



What About
Accuracy For
Those "Speedy"
Test Takers?

YOU SEEM TO BE ANSWERING QUICKLY...

No need to rush.

Please raise your hand for help.

PROCTOR DIRECTIONS

Resume the test using the PIN or from your proctor console.

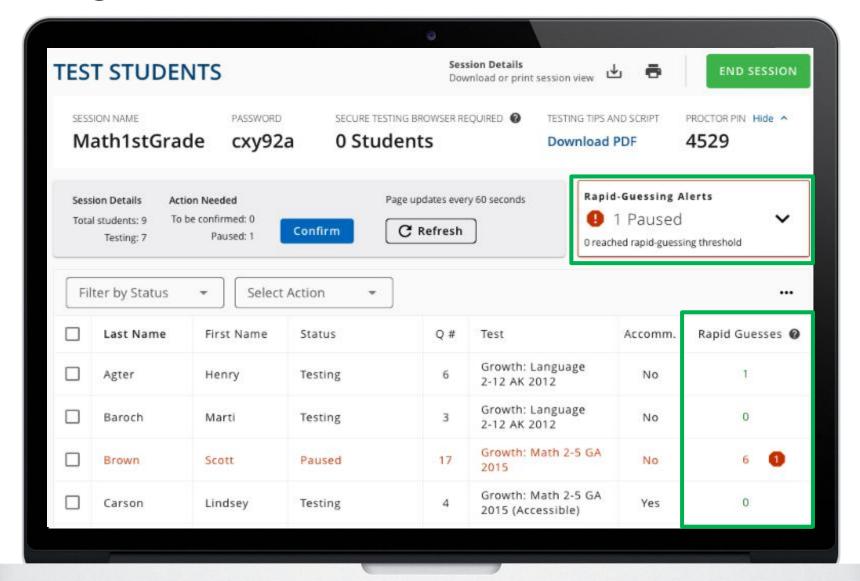
7871

RESUME





Rapid guessing





2020 Reading Student Achievement Norms							
	F	all	Winter		Spring		
Grade	Mean	SD	Mean	SD	Mean	SD	
K	136.65	12.22	146.28	11.78	153.09	12.06	
1	155.93	12.66	165.85	13.21	171.40	14.19	
2	172.35	15.19	181.20	15.05	185.57	15.49	
3	186.62	16.65	193.90	16.14	197.12	16.27	
4	196.67	16.78	202.50	16.25	204.83	16.31	
5	204.48	16.38	209.12	15.88	210.98	15.97	
6	210.17	16.46	213.81	15.98	215.36	16.03	
7	214.20	16.51	217.09	16.21	218.36	16.38	
8	218.01	17.04	220.52	16.69	221.66	16.87	
9	218.90	19.02	220.52	18.73	221.40	19.03	
10	221.47	17.92	222.91	17.81	223.51	18.20	
11	223.53	17.73	224.64	17.80	224.71	18.50	
12	223.80	19.32	223.85	21.21	224.33	23.08	

2020 Language Usage Student Achievement Norms						
	F	all	Wir	Winter		ng
Grade	Mean	SD	Mean	SD	Mean	SD
2	173.98	16.06	183.83	15.40	188.40	15.89
3	187.71	15.33	195.14	14.64	198.32	14.65
4	197.33	15.10	202.87	14.44	205.00	14.33
5	204.17	14.55	208.45	13.98	210.19	13.90
6	209.43	14.35	212.81	13.92	214.19	13.94
7	212.65	14.72	215.28	14.39	216.47	14.42
8	215.54	14.74	217.73	14.45	218.74	14.56
9	216.68	15.52	218.18	15.30	219.00	15.51
10	218.82	15.10	220.19	15.11	220.86	15.45
11	220.66	14.94	221.86	14.98	222.33	15.53

2020	2020 Mathematics Student Achievement Norms						
	Fa	all	Wir	Winter		ring	
Grade	Mean	SD	Mean	SD	Mean	SD	
K	139.56	12.45	150.13	11.94	157.11	12.03	
1	160.05	12.43	170.18	12.59	176.40	13.18	
2	175.04	12.98	184.07	13.01	189.42	13.44	
3	188.48	13.45	196.23	13.64	201.08	14.11	
4	199.55	14.40	206.05	14.90	210.51	15.56	
5	209.13	15.19	214.70	15.88	218.75	16.70	
6	214.75	16.12	219.56	16.74	222.88	17.47	
7	220.21	17.41	224.04	17.96	226.73	18.60	
8	224.92	18.94	228.12	19.33	230.30	19.95	
9	226.43	19.83	228.67	20.06	230.03	20.63	
10	229.07	20.23	231.21	20.61	232.42	21.25	
11	231.72	20.61	233.49	20.91	234.25	21.65	
12	233.02	21.60	233.31	23.07	234.19	24.63	

2020 General Science Student Achievement Norms							
	Fa	ill	Win	Winter		ing	
Grade	Mean	SD	Mean	SD	Mean	SD	
2	177.70	13.43	184.59	12.35	187.87	12.46	
3	187.84	12.25	193.29	11.63	195.88	11.76	
4	194.65	11.68	199.15	11.50	201.22	11.75	
5	200.23	11.77	204.30	11.72	206.17	12.12	
6	203.86	12.04	207.26	12.02	208.47	12.41	
7	206.56	12.65	209.50	12.73	210.61	13.17	
8	209.64	13.25	212.41	13.17	213.44	13.64	
9*	211.40	14.10	213.42	14.17	213.99	14.72	
10*	213.24	14.26	214.95	14.42	215.29	15.07	

^{*} These science status norms describe the distributions of achievement in general science academic skills and content knowledge for the relevant student populations for these grades and are useful for screening and placement purposes. Test results should not be used to evaluate performance where science content is more specialized, such as in topically differentiated high school science courses (e.g., biology,

Student norms are for achievement and growth

Weeks of instruction set to specifically represent when each building tests for very accurate norms comparison.

School norms are also available

Michigan Alignment Overview

1. Review of Michigan State Standards

2. Creation of Instructional Areas structure

3. Item alignment to standards

4.
Psychometric review

5. Creation of MI Tests

Available Assessments & Grade Coverage

	Assessment Type	Mathematics	Reading	Language Usage	Science	
	Growth	K-12	K-12	2-12	2-12	
English	Screening	11-12	11-12	2-12		
	Skills Checklist	K-2	K-2	-	-	
Spanish	Growth	K-12	K-8	_	_	
Opanisii	Screening	11-12	IX-0		- -	
Course	Growth	Algebra I & IIGeometry	_		Life Science	
Specific (English Only)	Screening	IntegratedMath 1, 2 & 3			(for NGSS only)	

Item Development – What sets us apart

- Item development and item calibration is a continuous effort.
- Items go through a rigorous review process

Content Review	Standard Alignment	DOK Alignment
Permissions and Plagiarism	Copy Edit	Bias and Sensitivity

•We are continually reviewing our item bank for quality and ways to improve the student experience for more authentic assessment of content.



Best In Class Item Pool



40-50% Depth of knowledge (DOK) 2 or 3

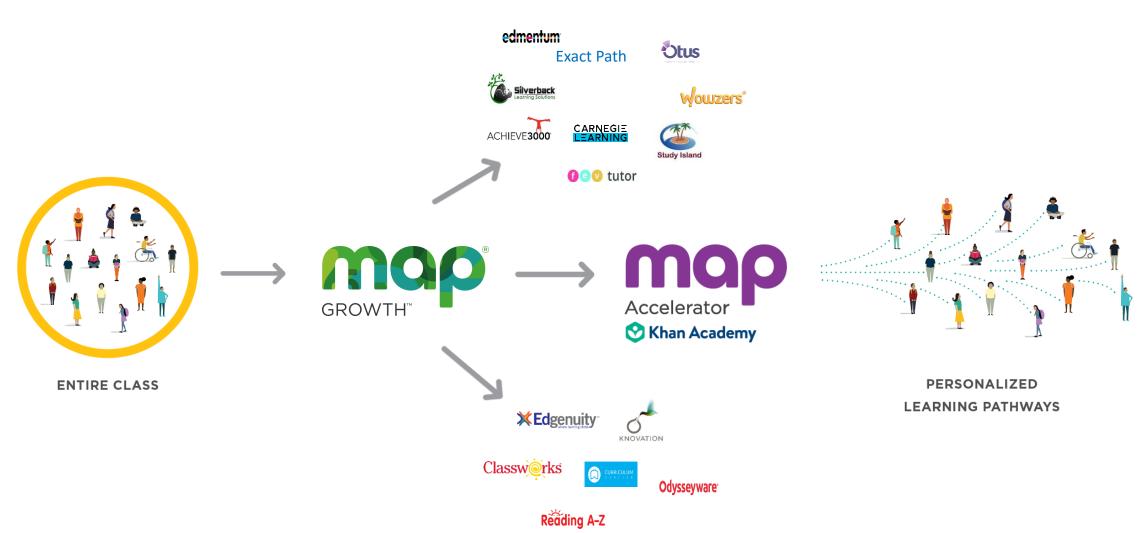




Embedded Test Taking Tools

Accommodation / Tool	Universal / Designated	In-Product Symbol (s)	Definition
Highlighter / Eraser	Universal		An on-screen digital tool is available for students to highlight desired text, questions, and answers
Notepad	Universal		Enables students to open a notepad and take notes while answering questions
Amplification	Universal	-	The student raises or lowers the volume control, as needed, using headphones.
Text to speech	Designated (Assigned in the test) (2-5, 6+)		Text is read aloud to a student via a text-to-speech device. The student is able to control the speed as well as raise or lower the volume of the voice via a volume controller
Answer Eliminator	Universal	×	The student electronically "eliminates" answer options, as needed. When enabled, answers will be masked. The student will uncover answer options when ready.
Zoom	Universal	(2) 100% (4)	Students can enlarge text and graphics on-screen via a magnification tool (while preserving clarity, contrast, and color)
Keyboard Navigation	Universal	*	Navigation throughout the test can be accomplished by using a keyboard (**Note there is not a on-screen icon for keyboard navigation)
Math Tools (calculator, ruler, protractor)	Universal	LILIE EEE	Specific tools are provided on screen depending on the nature of the test question

Instructional Connections for FA and PM





Instructional Partners









































College Explorer Tool







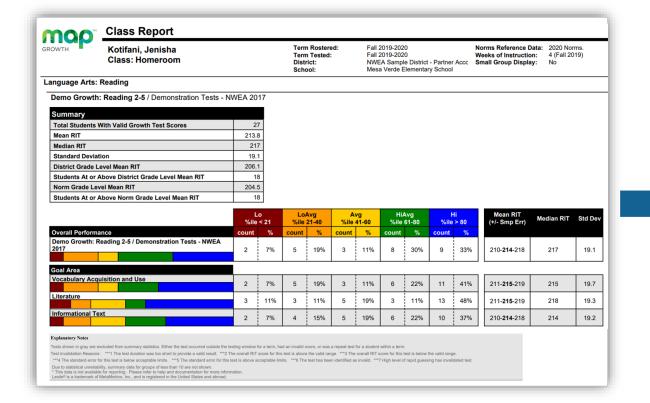
U.S. DEPARTMENT OF EDUCATION
College Scorecard

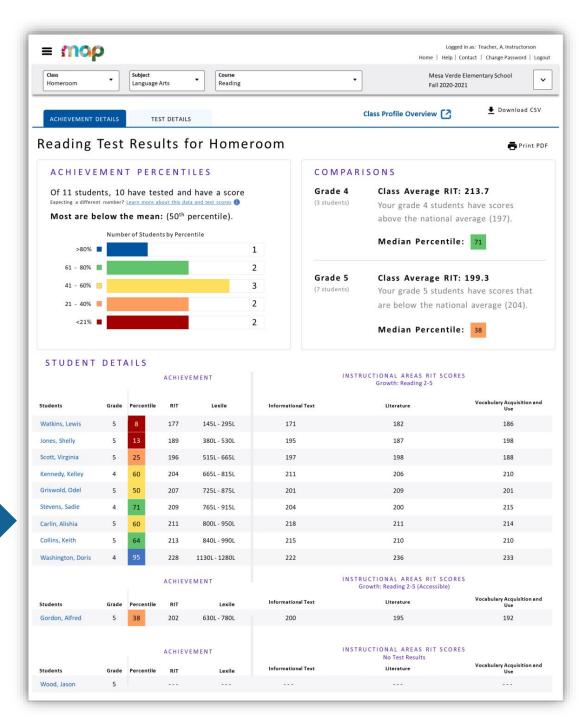




Helping Teachers Access Insights Faster

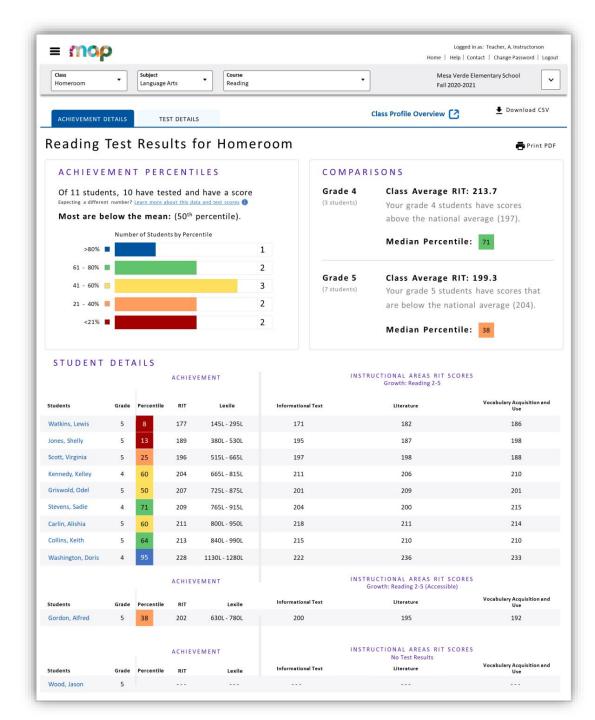
- One of the largest improvements to MAP Growth in years
- + An evolutionary step in our reporting capabilities
- Moving from static a PDF Report to an interactive and teacher focused insight generation tool





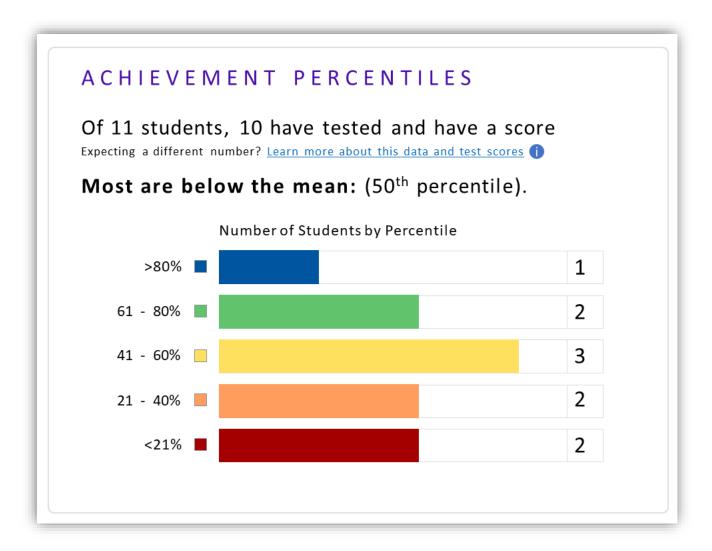
Helping Teachers Access Insights Faster

- Classroom level MAP Growth data displayed intuitively, with the ability to drill up/down at different levels of aggregation
- Easy navigation, making it simple to quickly find what you need
- + Familiar interactive experience, similar to the Student Profile Report
- We will continue to add functionality over time

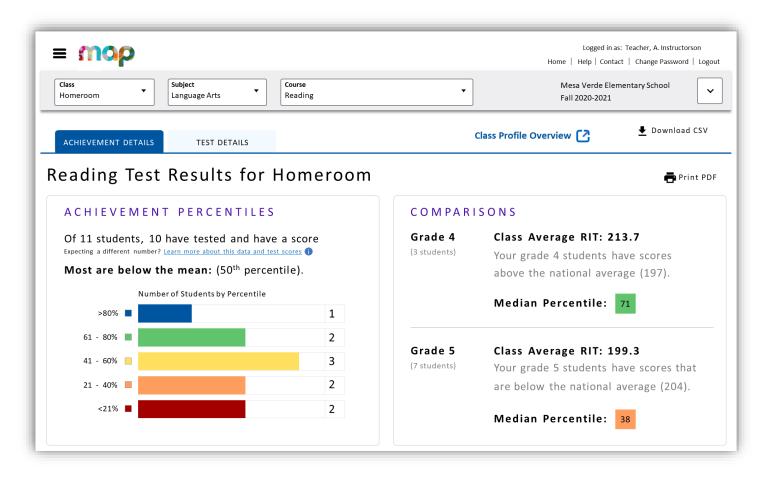


Helping Teachers Access Insights Faster

+ Quick information about your entire class

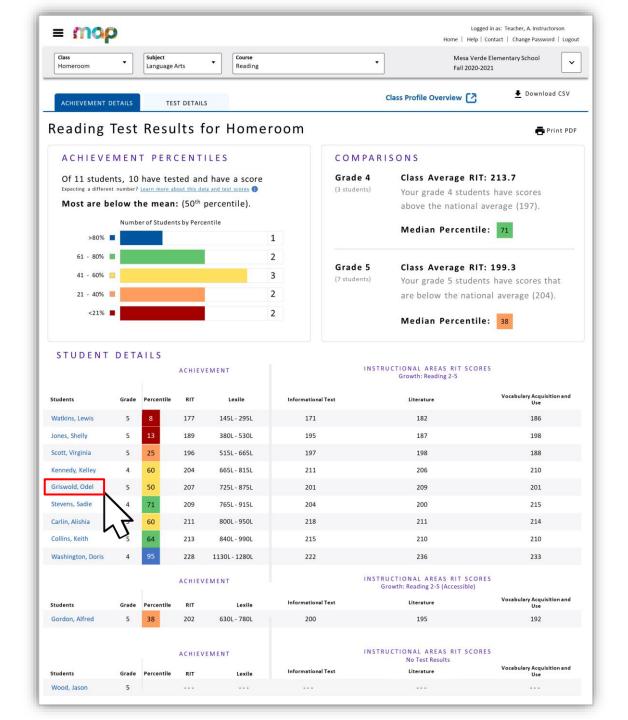


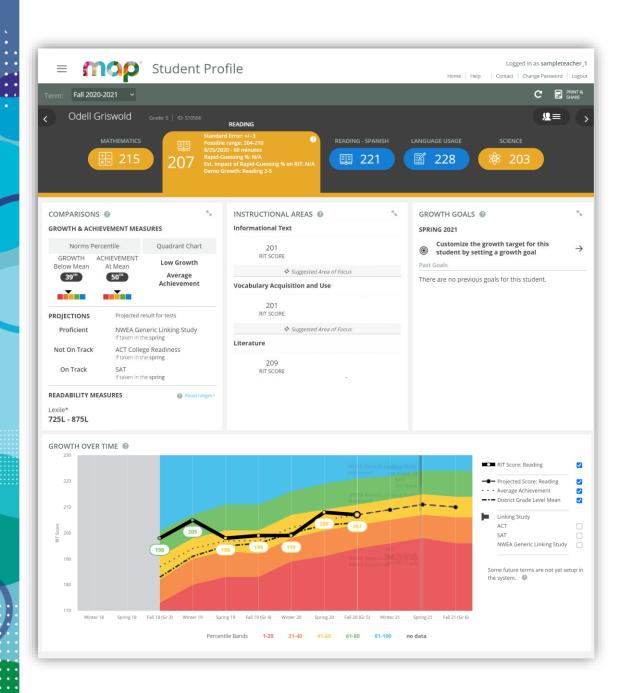
Helping Teachers Access Insights Faster

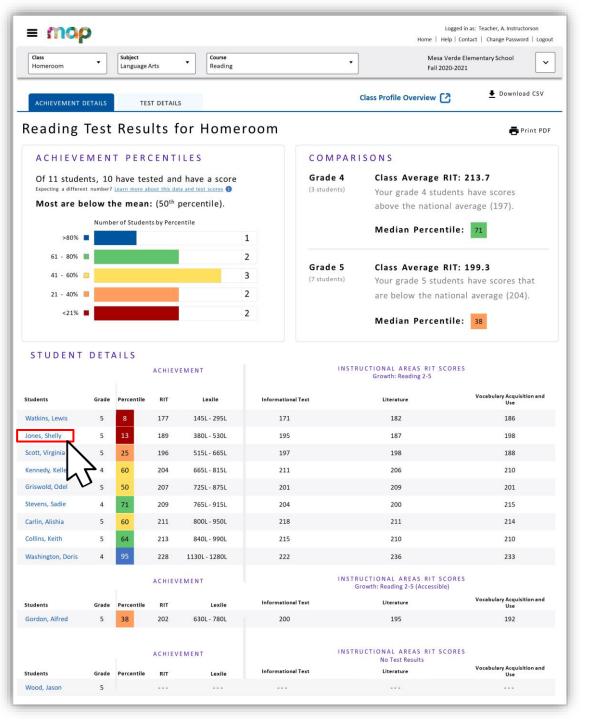


Helping Teachers Access Insights Faster

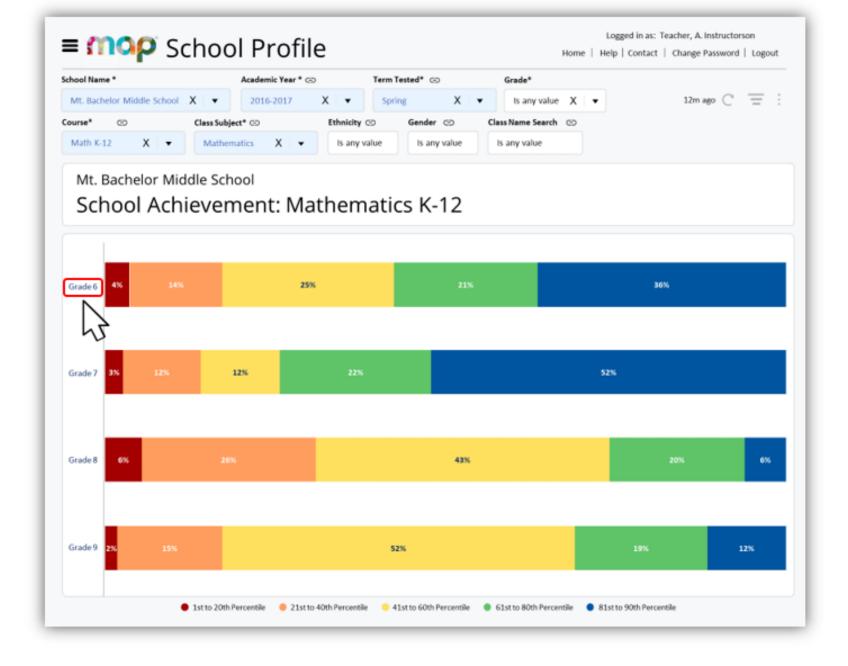
- Simple and easy navigation to the student profile report
- just click on the name of the student





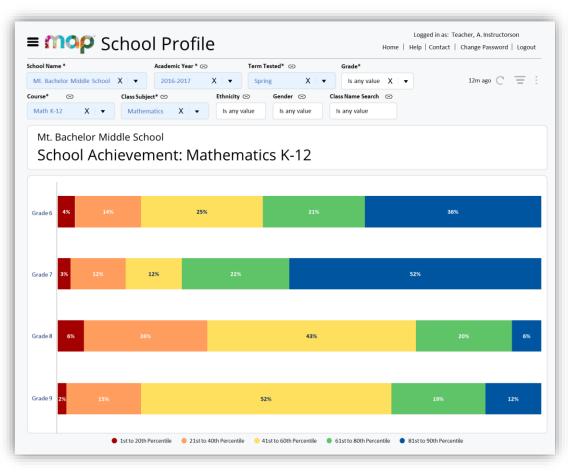


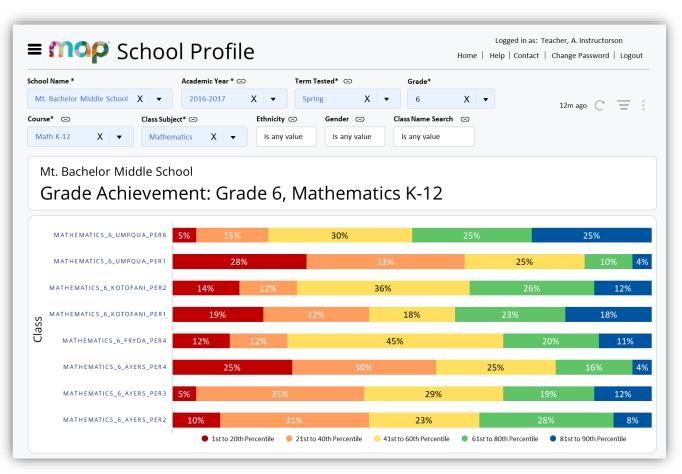
Schoollevel data





School and grade level data





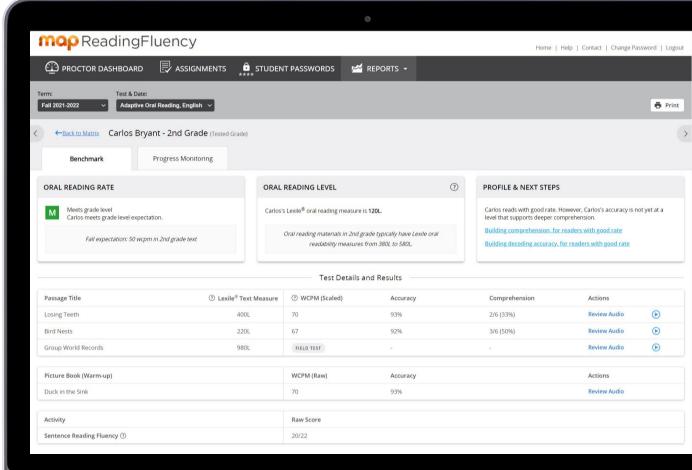
School Level Data (all grades within a school)

Grade Level Data (all classes within a grade)

Automatic scoring of oral reading

- Words correct per minute
- + Decoding accuracy
- + Literal comprehension
- Oral reading level
- + Reader Profile and NextSteps







Assessments (+)





Personalized Learning







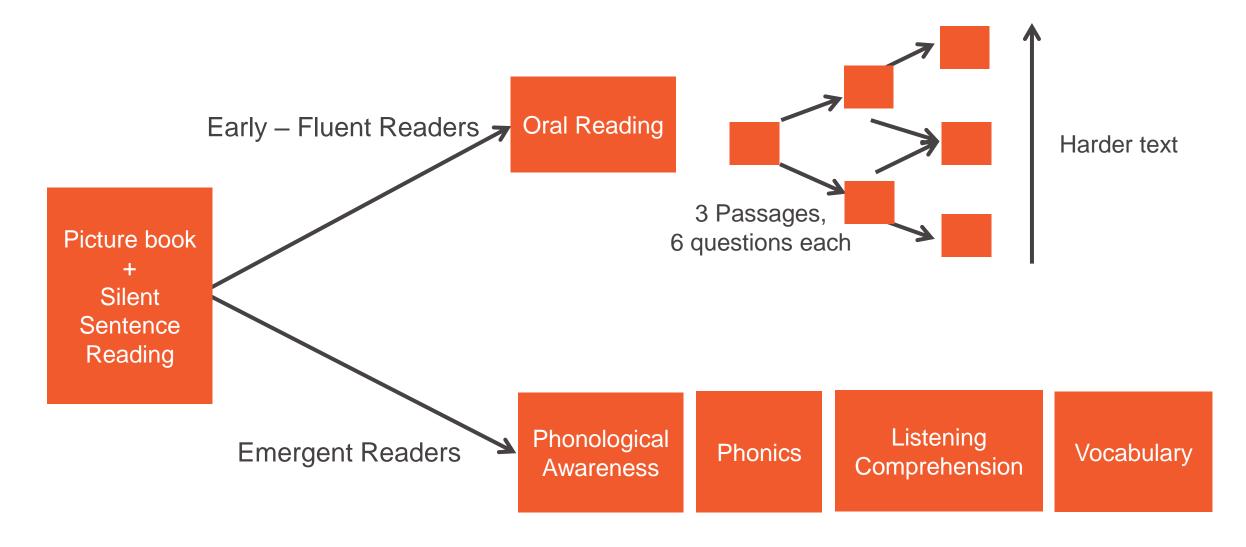
What is MAP Reading Fluency?

- Measures oral reading, literal comprehension and foundational reading skills
- Benchmark/screening three times per year
- Frequent progress monitoring for students at risk
- + Available in English and Spanish
- + Can be administered in-person or remote
- + Includes optional K-3 dyslexia screener



Twenty minute adaptive oral reading test

map Reading Fluency



What makes MAP Reading Fluency unique?

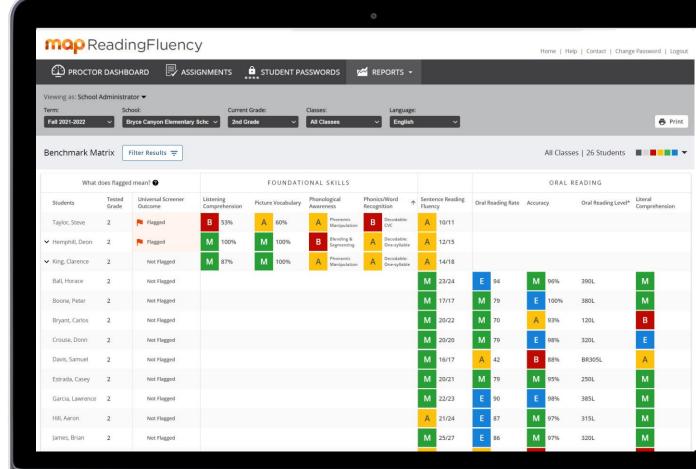
- + Holistic view: Fluency with comprehension + Foundational Skills profile
- + Adaptive test design provides efficient universal screening with actionable data for high, low, and typical performers
- + Provides oral reading rate and level or foundational skills profile for each reader
- + Aligned to growth in reading: text complexity increases for fluent readers it's not a race!



Universal Screener Outcome

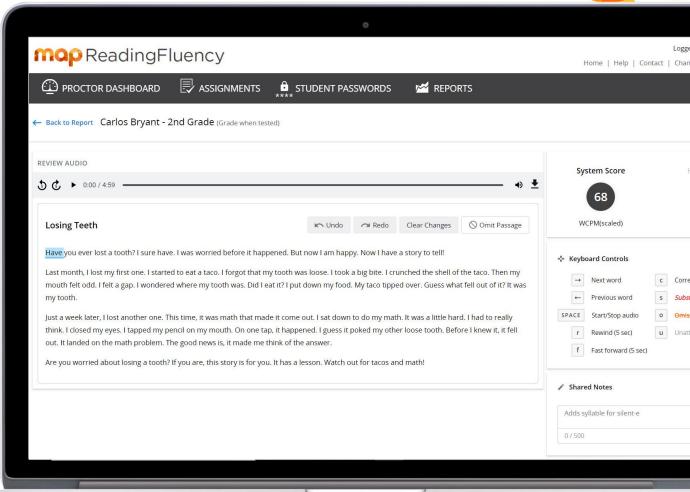
- Benchmark reports include Universal Screener Outcome
 - Flagged/Not Flagged
- Identify students in need of additional support
- + Streamlines reporting







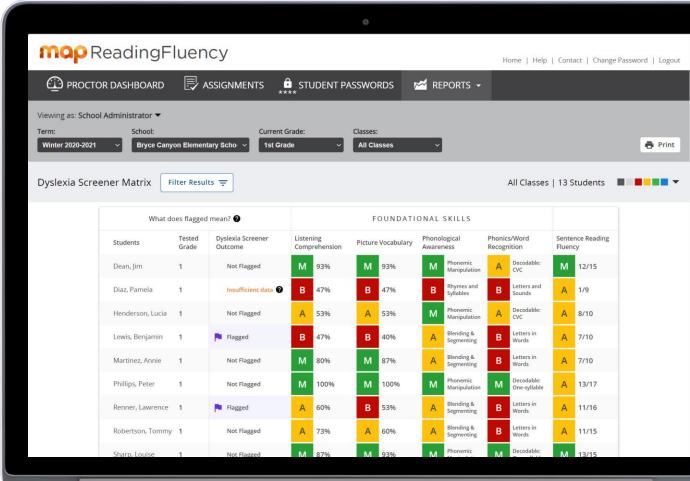
- **Audio Archive**
 - See and hear progress
 - Historical records
 - Perfect for families



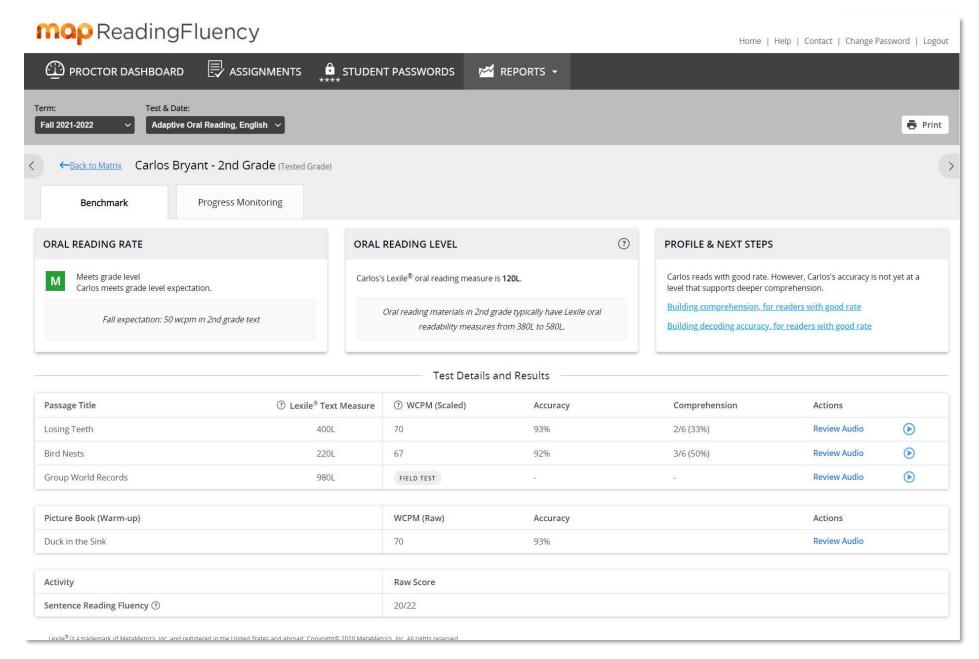
Dyslexia Screener Outcome

- Dyslexia Screener Matrix and student reports include the Dyslexia Screener Outcome
 - Flagged/Not Flagged
- Easily identify student performance that suggests possible risk factors for dyslexia or other reading difficulty
- Reports also include instructionally useful foundational skills data

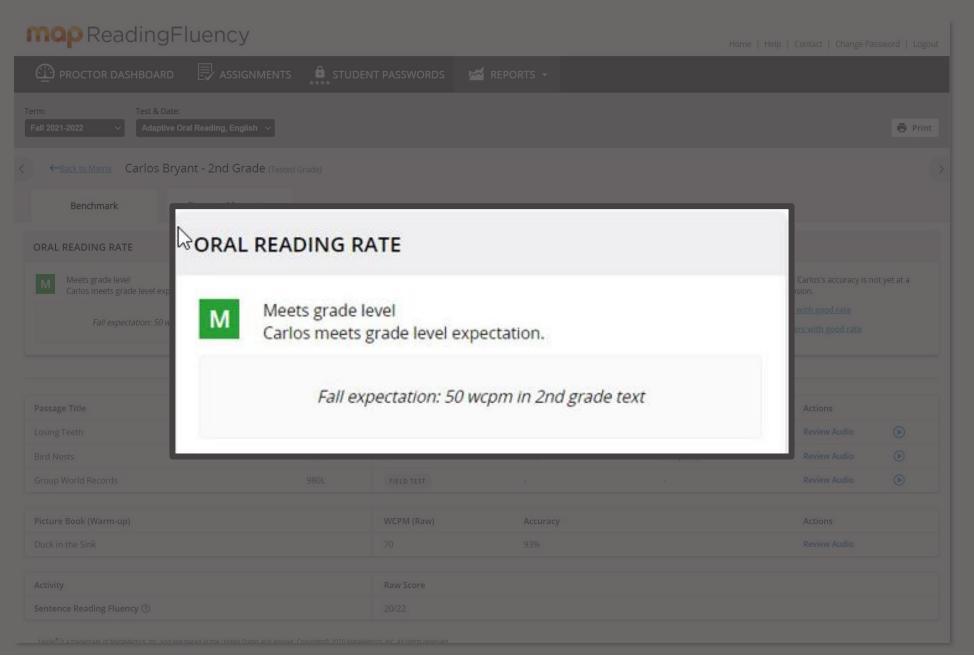


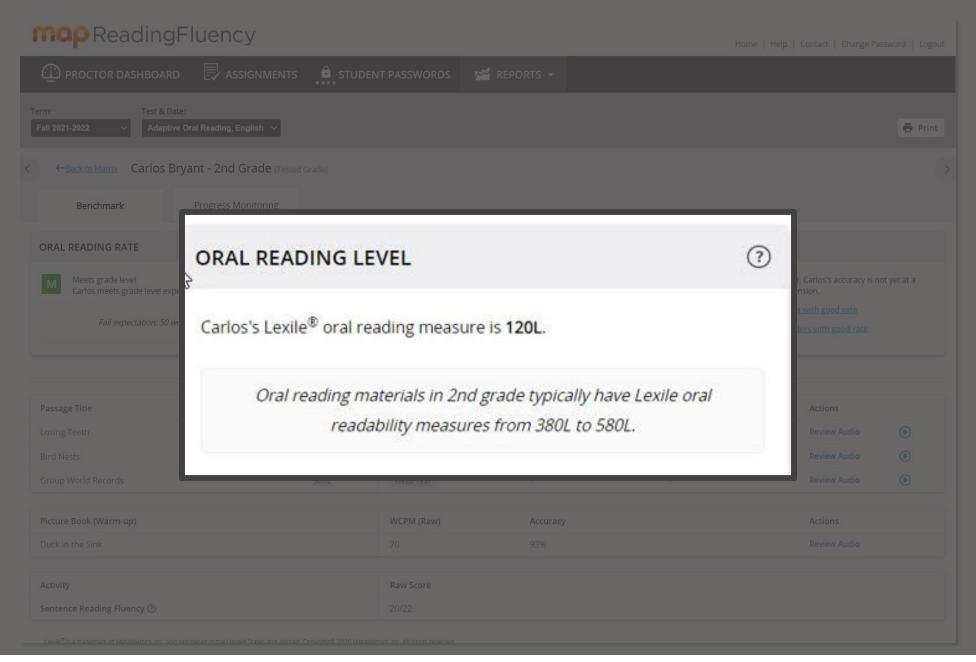


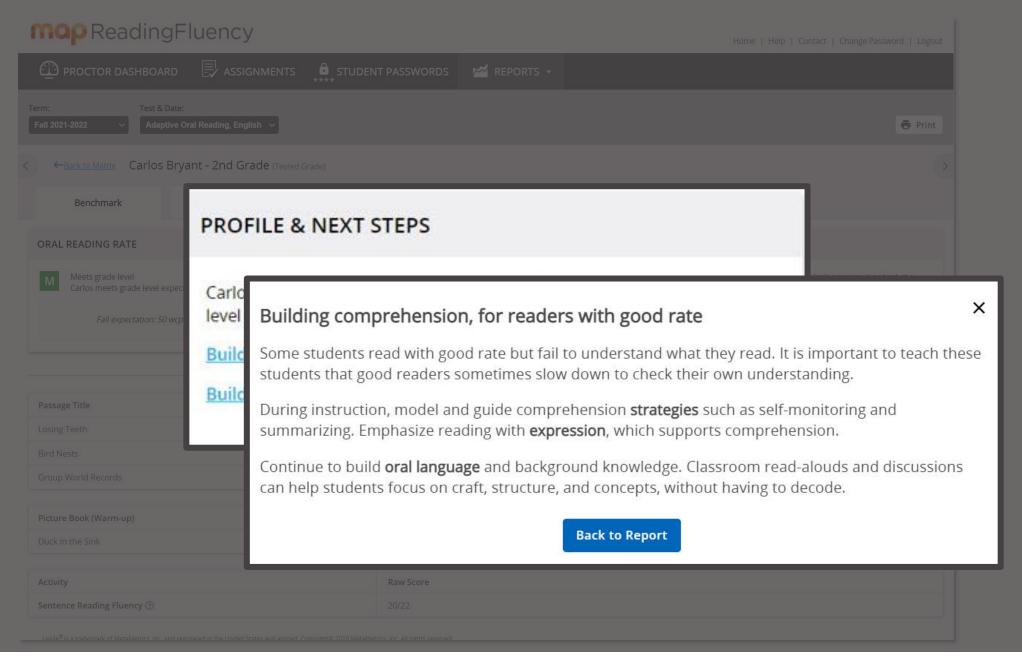












"My favorite things were the instant results and being able to test so many kids at one time."

Amy Black, Teacher, Our Lady of Hungary School, South Bend, IN



NWEA Partnership

- + Partner support team
- + Implementation
- + Training
- + Professional Learning
- + Partner meetings
- Webinar/Help videos

