Growth Measure

For Reading and Math

Valid Assessment | **Best-in-Class Solutions** | **Meaningful Connections**

Start with a reliable benchmark assessment

What is HMH Growth Measure?

HMH Growth Measure is the valid and reliable assessment that connects data insights with best-in-class core and supplemental programs.

Why does connecting assessment with instruction matter?

Assessment plays a key role in providing teachers and administrators with the data they need to carefully plan and deliver instruction. When benchmark assessment insights co-exist with core program assessment data, teachers and students alike benefit from the ability to differentiate instruction and form small groups.

Why should a district consider HMH Growth Measure?

HMH Growth Measure is included with our connected programs. This means that a single Growth Measure Reading or Math assessment provides educators with the insights they need to make data-driven instructional decisions.

Developed by Psychometricians, Research Scientists, and Assessment Specialists, Growth Measure combines decades of research with real-world application to provide an intuitive, valid, and reliable assessment.

Connect your assessment and instruction.

- ✓ *HMH Growth Measure* is included with:

  HMH | (into) **Math**™   HMH | (into) **Reading**™

  HMH | (into) **AGA**™   HMH | (into) **Literature**™

  Math in Focus Singapore Math® by Marshall Cavendish®   **Waggle**™

- ✓ Growth Measure provides standards-based domain level reporting on *Ed,* the HMH learning platform.

- ✓ Teacher insights from Growth Measure enable educators to make informed instructional decisions for individual, group, and whole-class environments.

- ✓ Growth Measure data flows directly into *Waggle®* to connect students with personalized practice and lessons.

Singapore Math® is a trademark owned by Singapore Math Inc. and Marshall Cavendish Education Pte. Ltd.
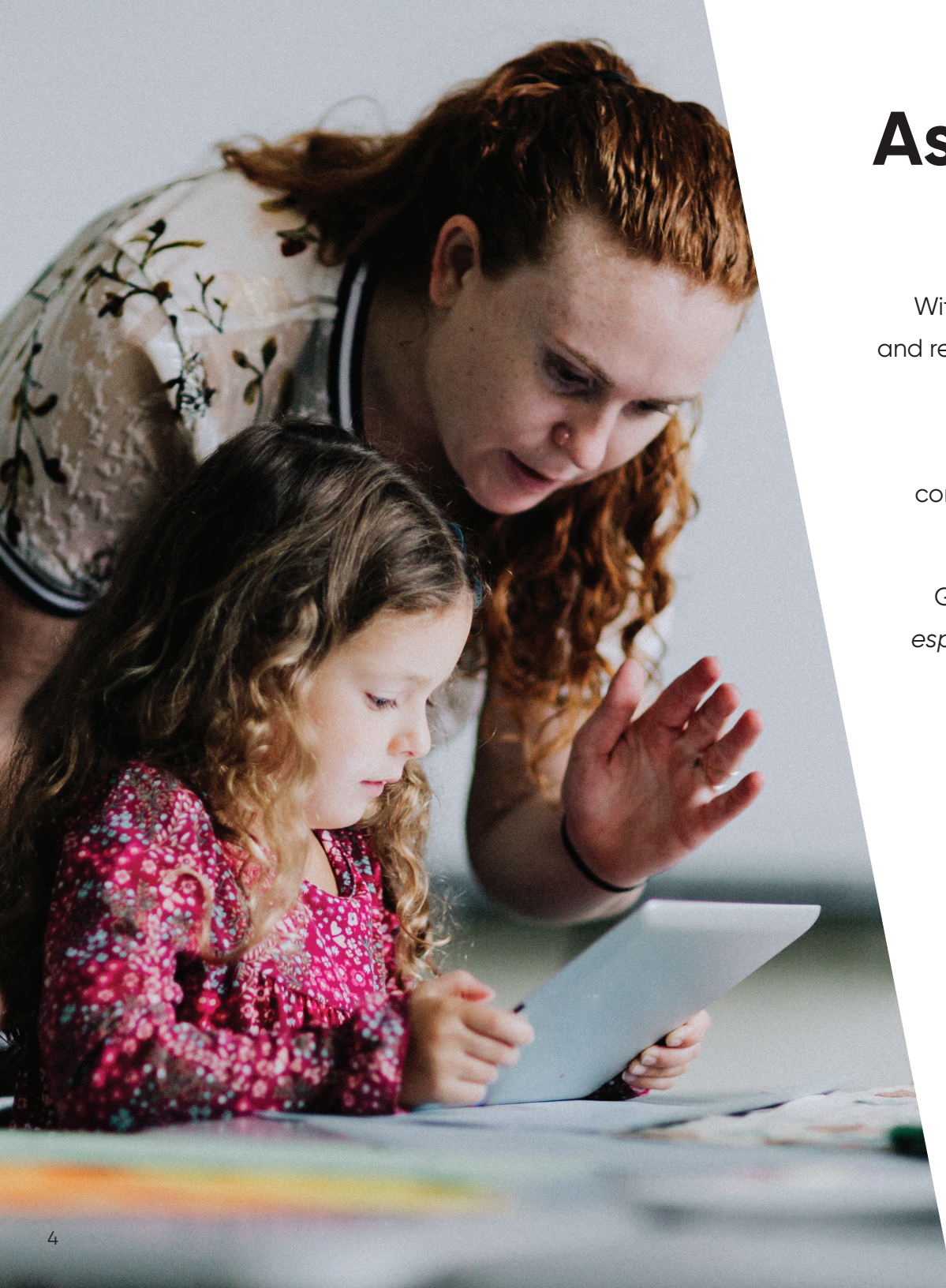
Assess students in a meaningful way

With *HMH Growth Measure*, you have access to adaptive and research-based benchmark assessments for students in Reading **(Grades 2–12)** and Math **(Grades K–11)**.

Administrators, teachers, and students all benefit from comprehensive reporting that work together to provide a more complete picture of a student's knowledge.

Growth Measure is also available in Spanish. *Lectura en español* is available with *¡Arriba la Lectura!™* and provides comprehensive reading assessment for Grades K–6.

HMH Growth Measure *provides:*

- HMH Scaled Score
- Student Growth Index
- Grade Level Equivalency
- Three Performance Levels: Below-Level, On-Level, and Above-Level
- Lexile® (Reading) or Quantile® (Math) Interval
- Domain-Level Reporting
- A consistent reporting experience across Core Programs and Benchmark Assessment

Administer with ease

1 *HMH Growth Measure* is administered three times during the school year to support benchmarking and screening initiatives.

2 Growth Measure is accessible via *Ed*, HMH's gateway to assessment and core, supplemental, and intervention programs. One place for all of your needs means that you (and your students) only need to remember a single username and password.

3 Teachers assign Growth Measure (Reading, Math, or both) directly from *Ed*.

4 Growth Measure appears in each student's assignment playlist upon log-in. Most students complete Growth Measure in less than 45 minutes.

5 Assessment results and insights to drive instructional next steps appear within minutes.

Dashboard | My Classes | Create | Discover | Professional Learning

Welcome back Angie,
Thursday, February 14th, 2020

Your Messages (3)

Let's get your classes set up...
We've made a few changes to the platform to provide you with a smooth teaching experience. First, let's get you started by setting up your classes.

⚠ Required Action. Students cannot access programs until your Classes are set up.   [Set Up Classess]

Growth Measure Assessment Program
The HMH Growth Measure is a research-based assessment that measures skills and longitudinal progress from Kindergarten through college readiness. In preparation for this, this notice is to inform you of an upcoming test window as defined by your administrator.

Assignments Overview

Due Today	Total Pending **11**
Martian Metropolis Text Sketch 20-21 ELA 104 Sec-1Cervantes	3 ›
Analyze Character 20-21 ELA 104 Sec 3-Cervantes	0 ›
Recognize Text Organization 20-21 ELA 104 Sec 4-Cervantes	8 ›

Needs Grading	Total Submissions **27**
Martian Metropolis Text Sketch 20-21 ELA 104 Sec-1Cervantes	12 ›
Analyze Character 20-21 ELA 104 Sec 3-Cervantes	9 ›
Recognize Text Organization 20-21 ELA 104 Sec 4-Cervantes	3 ›

Overdue	Total Outstanding **7**
Martian Metropolis Text Sketch 20-21 ELA 104 Sec-1Cervantes	3 ›
Analyze Character 20-21 ELA 104 Sec 3-Cervantes	1 ›
Recognize Text Organization 20-21 ELA 104 Sec 4-Cervantes	2 ›

Math | GM   Welcome Fernando Salazar

Welcome, Fernando!

You are about to start the **HMH Math Growth Measure** test your teacher has assigned to you. This test begins with some simple diections.

Have fun and do your best!

[Start]

# Growth Report: Teacher Class Overview

This report shows:

- Distribution of student scores across the three performance levels for an at-a-glance look at overall class performance

- Class-level performance broken down by domain

- Changes in each student's score between test administrations

This is essential because:

- Growth Measure performance is an important benchmark for grouping and helps to compare student performance from one test to the next.

- Teachers can drill into individual student scores to view changes over time.

- Domain-level details help to guide instructional planning.

Scales and Scores:

- Grade-level scales: G01-G99
- Three performance levels: Below-Level, On-Level, and Above-Level
- Reading: Two domains
- Math: Up to five domains
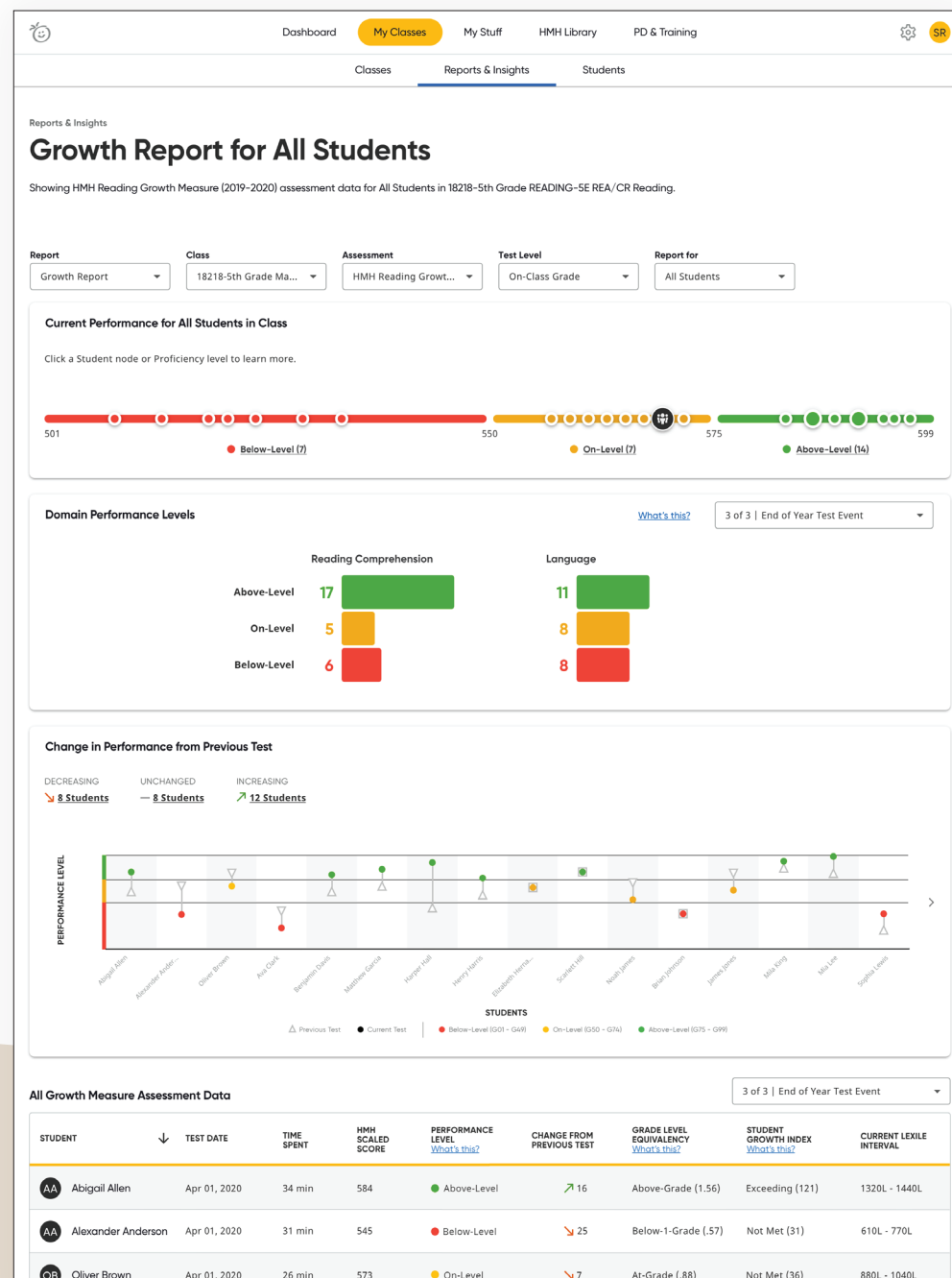
Growth Report: Student
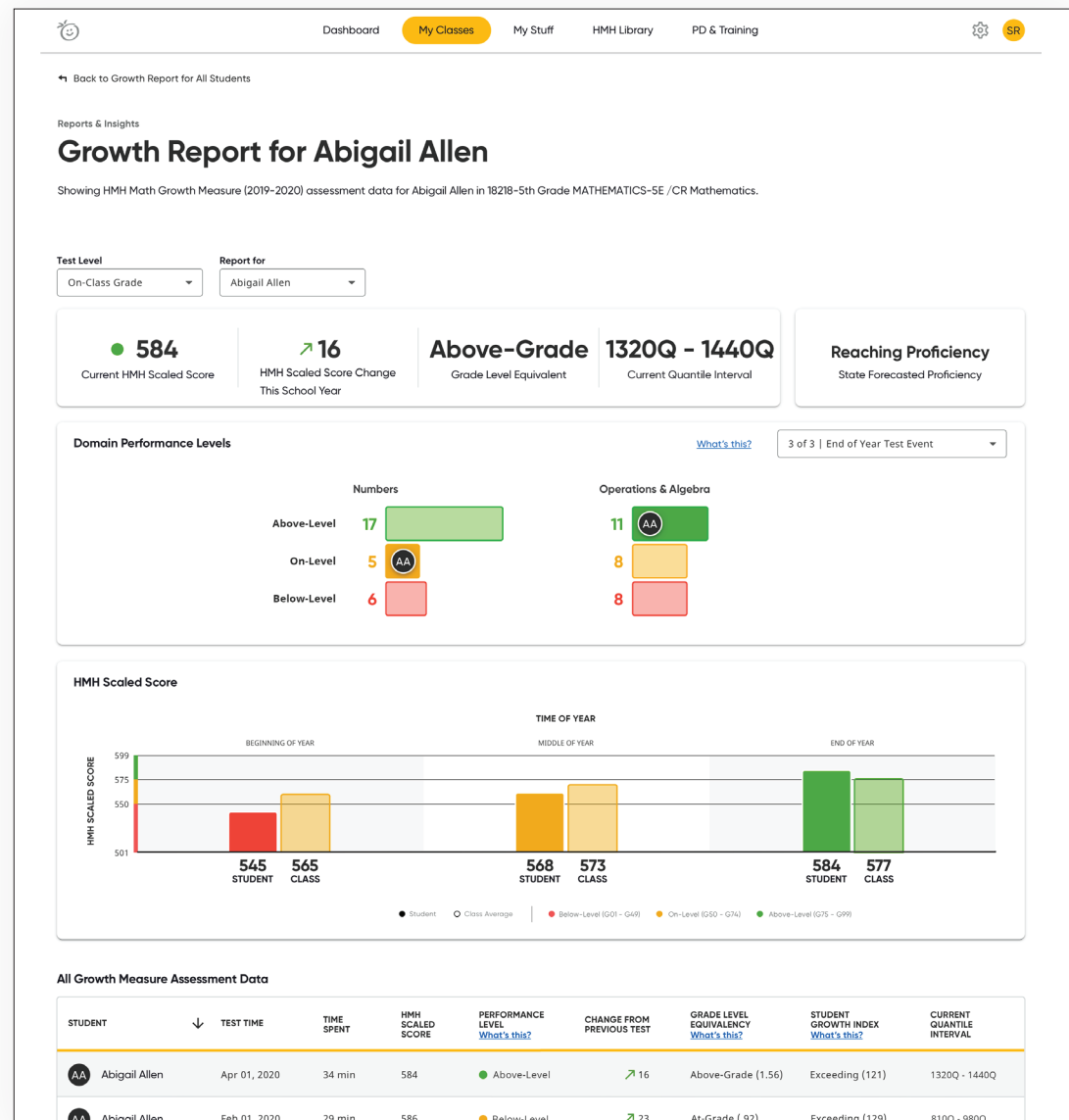
This report shows:

- A student's overall assessment results at a glance

- Details about domain performance levels

- Details from each test performance

This is essential because:

- Student details help teachers identify students' strengths and weaknesses and benchmark their performance for future testing

- The Domain Summary compares each student to overall class growth and provides context and next steps to promote acceleration

Scales and Scores:

- HMH Scaled Score

- Grade Level Equivalency

- Student Growth Index

- One of three performance levels:
  - Below-Level
  - On-Level
  - Above-Level

- Domain-Based Reporting

- Lexile or Quantile Interval

Coming Soon

Growth Report: Admin/District Leader

This report shows:

- Overall results for each grade level, broken down by performance level
- At-a-glance comparisons for each test administration window

This is essential because:

- Leaders can use the data to provide support to schools and grade levels
- Changes from prior test windows can be clearly identified
- Leaders can analyze domain, school, class, and student details

Metrics:

- Grade-level summaries by test window (Beginning of Year, Middle of Year, and End of Year)
- Teacher and class report summaries
- Class Roster: Student performance summaries

Dashboard   My Organization   HMH Library   Professional Learning   **Reports & Insights**

Assessment Report   Standards Report   **Growth Report**   Usage Report

Reports & Insights

Growth Report

Showing **HMH Reading Growth Measure (2019-2020)** assessment data for **All Grades** in **All Schools**.

Assessment
HMH Reading Growth Measure (2019... ▼

Grade
All Grades ▼

School Name
All Schools ▼

HMH Reading Growth Measure (2019-2020) for All Grades

GRADE ↓	END-OF-YEAR			MIDDLE-OF-YEAR			BEGINNING-OF-YEAR		
	BELOW-LEVEL	ON-LEVEL	ABOVE-LEVEL	BELOW-LEVEL	ON-LEVEL	ABOVE-LEVEL	BELOW-LEVEL	ON-LEVEL	ABOVE-LEVEL
All Grades	32%	59%	9%	43%	49%	8%	58%	34%	8%
Grade 2	26%	55%	19%	47%	43%	10%	58%	31%	11%
Grade 3	21%	74%	5%	23%	66%	11%	58%	31%	11%
Grade 4	35%	58%	7%	46%	48%	6%	52%	41%	7%
Grade 5	27%	55%	18%	37%	47%	16%	53%	33%	14%
Grade 6	46%	48%	6%	51%	45%	4%	57%	39%	4%
Grade 7	29%	63%	8%	47%	43%	10%	57%	37%	6%
Grade 8	41%	57%	2%	49%	51%	0%	72%	28%	0%

Grade Level Equivalency, Student Growth Index, and HMH Scaled Score

All Growth Measure Assessment Data

STUDENT		↓	TEST TIME	TIME SPENT	HMH SCALED SCORE	PERFORMANCE LEVEL What's this?	CHANGE FROM PREVIOUS TEST	GRADE LEVEL EQUIVALENCY What's this?	STUDENT GROWTH INDEX What's this?	CURRENT LEXILE INTERVAL
AA	Abigail Allen		Apr 01, 2020	34 min	584	● Above-Level	↗ 16	Above-Grade (1.56)	Exceeding (121)	1320L - 1440L
AA	Abigail Allen		Feb 01, 2020	29 min	572	● On-Level	↗ 23	At-Grade (.92)	Exceeding (129)	810L - 980L
AA	Abigail Allen		Sep 01, 2019	31 min	545	● Below-Level		Below-Grade (.75)		680L - 740L

① HMH Scaled Score

The Scaled Score is the primary representation of the number of test items a student answered correctly, taking into account item difficulty. The Scaled Score makes it possible to compare individual student performance and to aggregate student performance within grade level classrooms. The Scaled Score and associated Performance Levels can be interpreted similarly across subjects and grade levels.

There are three categories:
- Above-Level: G75 – G99
- On-Level: G50 – G74
- Below-Level: G01 – G49

This is essential because:
Categorizing a student's performance determines potential for intervention or acceleration, informs placement decisions, and drives instructional next steps.

② Grade Level Equivalency (GLE)

GLE is a relative performance indicator that allows educators to index a student's relative achievement on grade level instruction. GLE provides insight for placement purposes and compares scores across grades and subjects.

There are five categories:
- Above Grade: 1.31+
- At Grade: 0.80 to 1.3
- Is within 1 Grade Below: 0.61 to 0.79
- Is > 1 Grade Below: 0.36 to 0.60
- Is > 2 Grades Below: 0 to 0.35

This is essential because:
Categorizing a student's grade level is critical to driving instructional and RTI-related next steps.

③ Student Growth Index (SGI)

SGI measures the amount of gain a student has achieved within a school year, with a growth target of 100, regardless of grade or current knowledge level. SGI has an effective range from approximately 50 to 150 and uses point increases from beginning of year to end of year to track targeted growth. The SGI measures growth within a school year (Fall to Spring.)

There are three categories:
- Did Not Meet Targeted Growth: <95
- Met Targeted Growth: 95–105
- Exceeded Targeted Growth: >105

This is essential because:
Categorizing changes in a student's score as the student moves towards proficiency is critical to driving instructional next steps.

Standards Report: Teacher
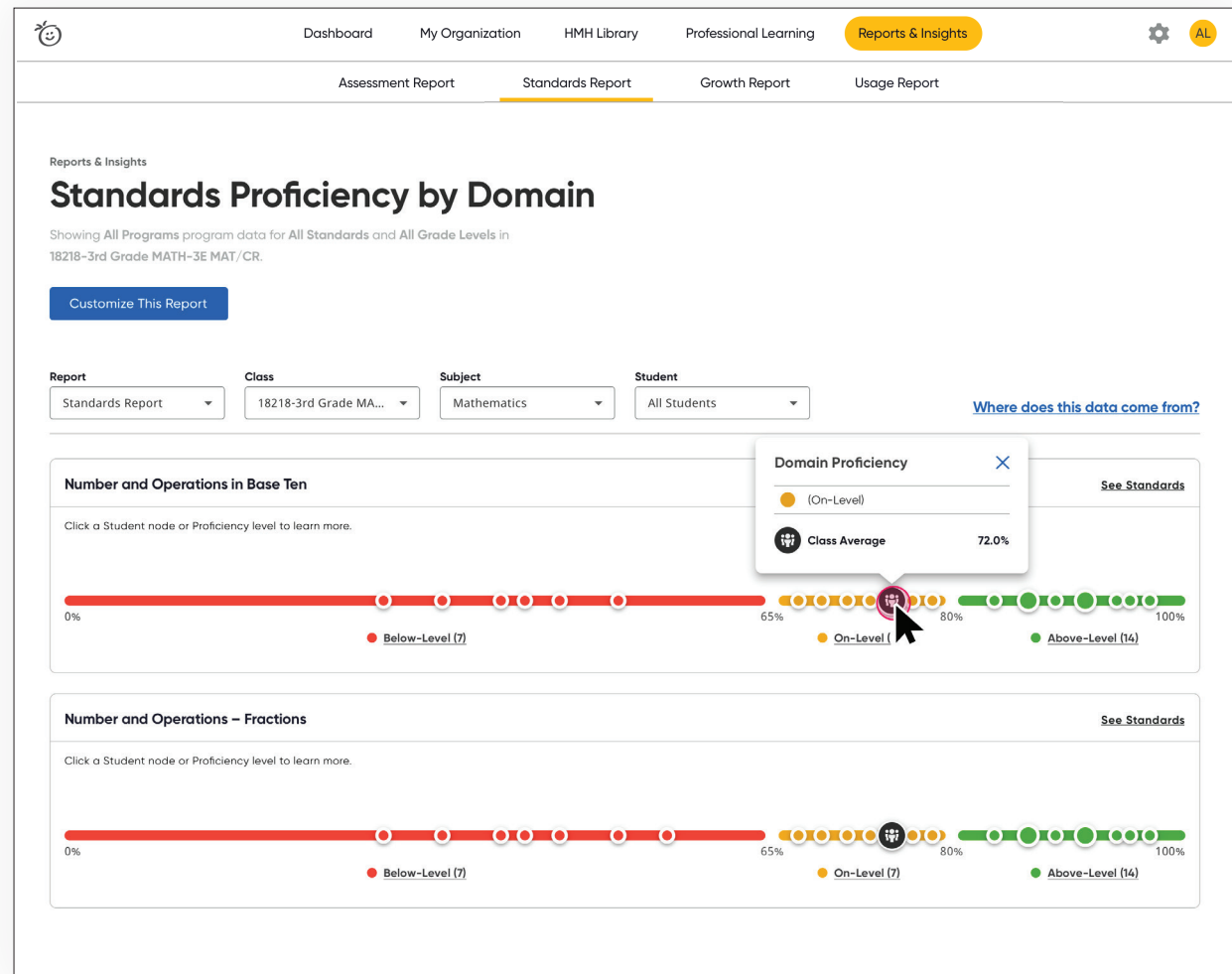
This report shows:

- Standards performance for the class across the three performance levels

- Individual student standards performance

- Performance on HMH core in-program assessments and Growth Measure*

This is essential because:

- Instructional planning and grouping based upon standards performance are key to driving growth

Filters:

- Select periods and custom dates to view data during specific time frames

- Filter by assessment type to group tests with similar instructional purposes

*Available for Mid-Year Assessment

Assessment Report: Teacher

This report shows:

- Overall class performance on all in-program assessments

- Individual student performance on all assigned in-program assessments

- Each individual assessment detail

This is essential because:

- Monitoring performance on assessments informs many instructional next steps for the class as a whole and for individual students

Filters:

- Select periods and custom dates to view data during specific time frames

- Filter by assessment type to group tests with similar instructional purposes

![Growth Measure logo]
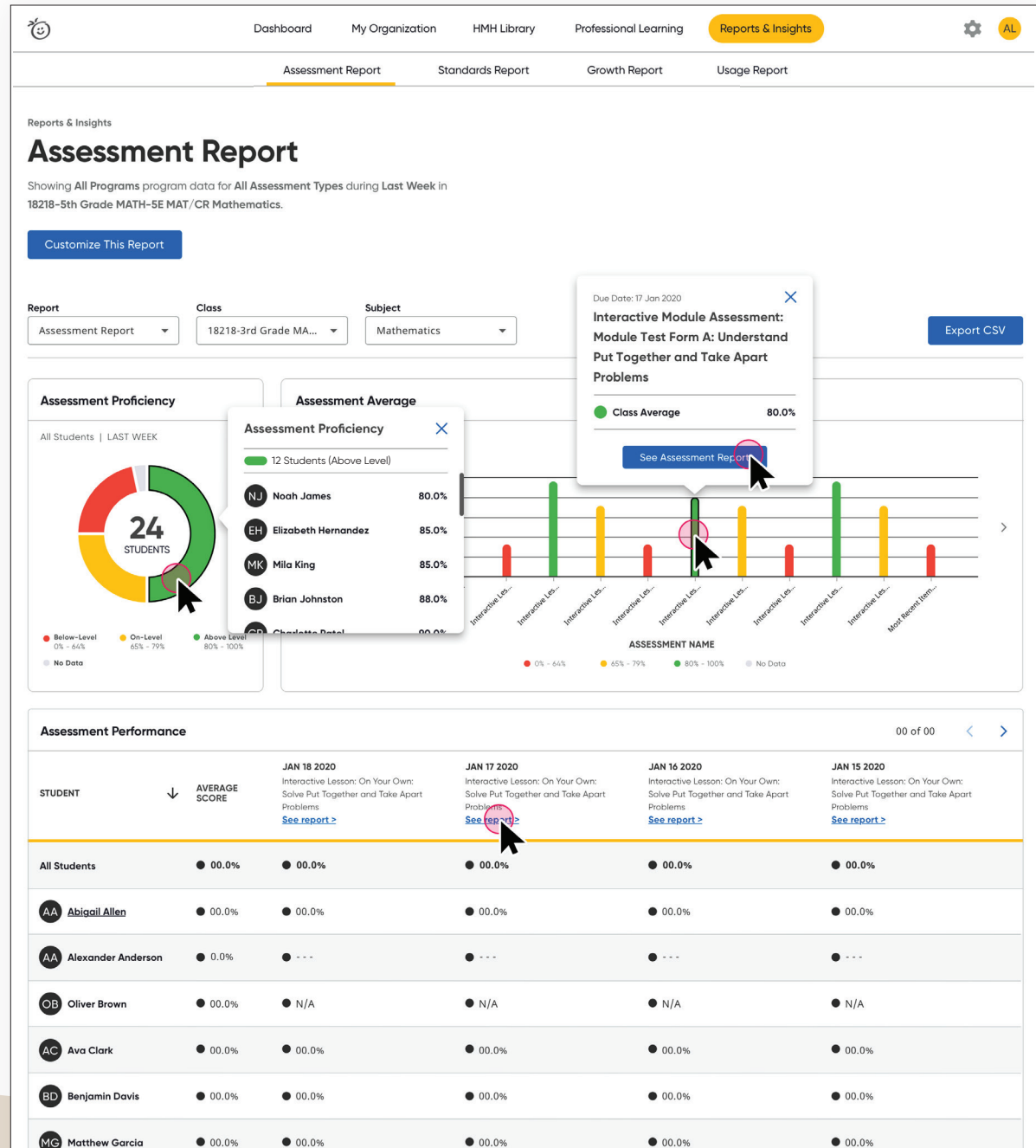
Are you ready to connect your assessment and instruction?

Talk to your Account Executive to learn more about *HMH Growth Measure* or visit hmhco.com/connected

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