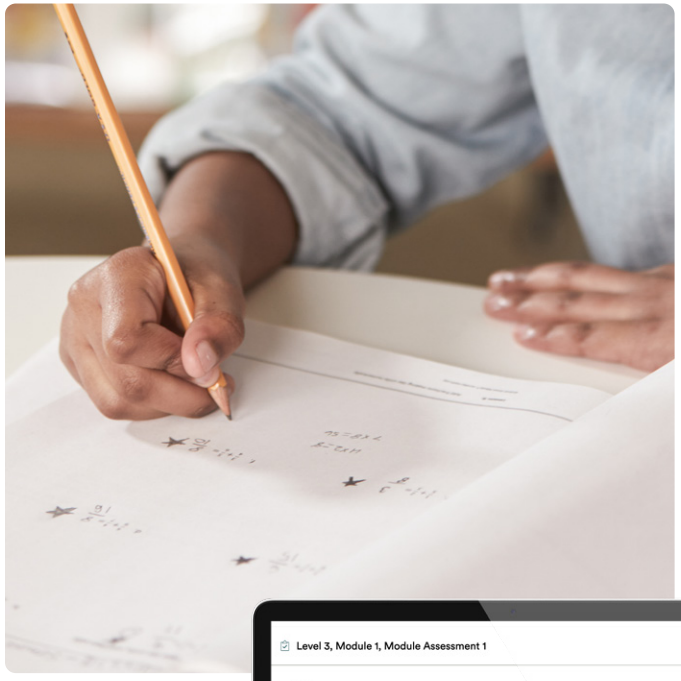
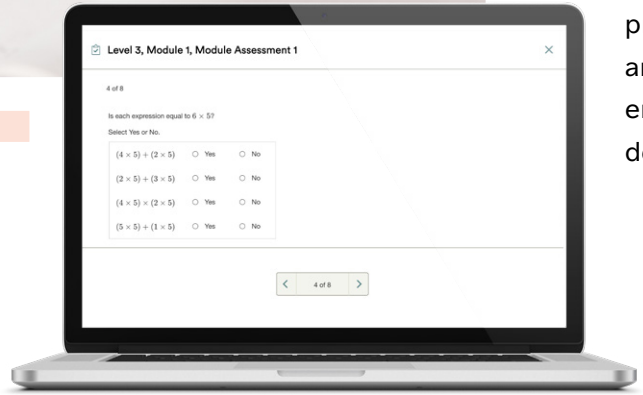
EUREKA MATH²

GREAT MINDS

Assessment Overview

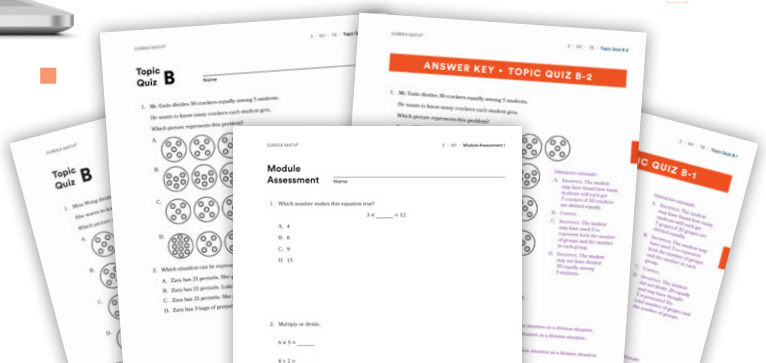




Providing Visibility Into Student Learning

Timley Assessments that Gauge Student Progress and Inform Instructional Decisions

Imagine knowing where your students are and what they are thinking about a given math skill or concept at any time. That is the focus of the *Eureka Math²®* assessment system—making learning visible whenever it is needed. From pre-module assessments that measure foundational knowledge to end-of-module and benchmark tests that assess student progress, our assessments provide meaningful diagnostic, formative, and summative feedback and data on an entirely new level to guide your instructional decisions and ensure student proficiency.



greatminds.org/eurekamathsquared

EUREKA MATH² EXCLUSIVE

Setting A Standard for Success

Unique to *Eureka Math²*, standards-aligned Achievement Descriptors and their corresponding Proficiency Indicators set a standard for success while Pre-Module Assessments determine supports students may need to access grade-level content.

3.Mod1.AD7 **Represent** and **explain** division as an unknown factor problem.

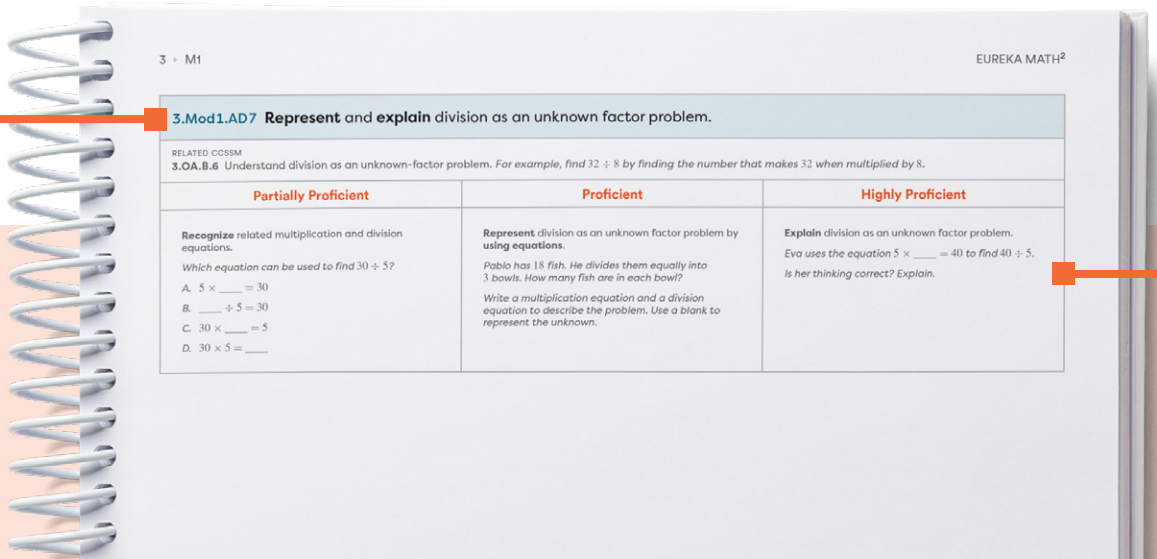
Achievement Descriptors—The What**

Standards-aligned descriptions outline what students should know after each lesson or module and are located in front of every *Teach* module.

Partially Proficient	Proficient	Highly Proficient
Recognize related multiplication and division equations. *Which equation can be used to find* $30 \div 5$*?* *A.* $5 \times \_\_\_\_ = 30$ *B.* $\_\_\_\_ \div 5 = 30$ *C.* $30 \times \_\_\_\_ = 5$ *D.* $30 \times 5 = \_\_\_\_$	**Represent** division as an unknown factor problem by **using equations**. *Pablo has* 18 *fish. He divides them equally into* 3 *bowls. How many fish are in each bowl?* *Write a multiplication equation and a division equation to describe the problem. Use a blank to represent the unknown.*	**Explain** division as an unknown factor problem. *Eva uses the equation* $5 \times \_\_\_\_ = 40$ *to find* $40 \div 5$*.* *Is her thinking correct? Explain.*

Proficiency Indicators—How Well**

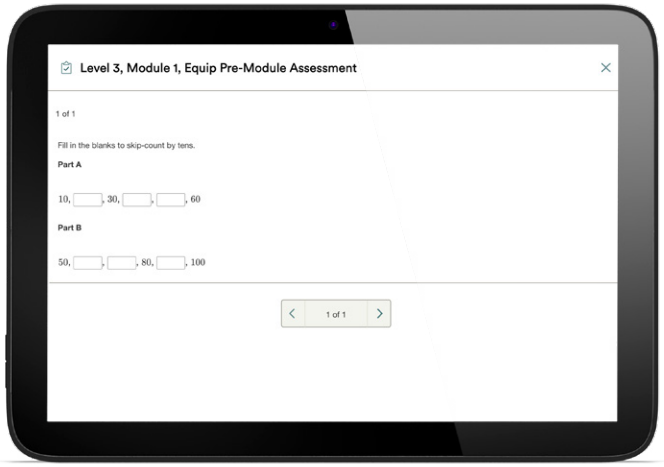
Proficiency Indicators analyze how well students understand the concepts taught in a lesson or module and are located in the back of every *Teach* module.

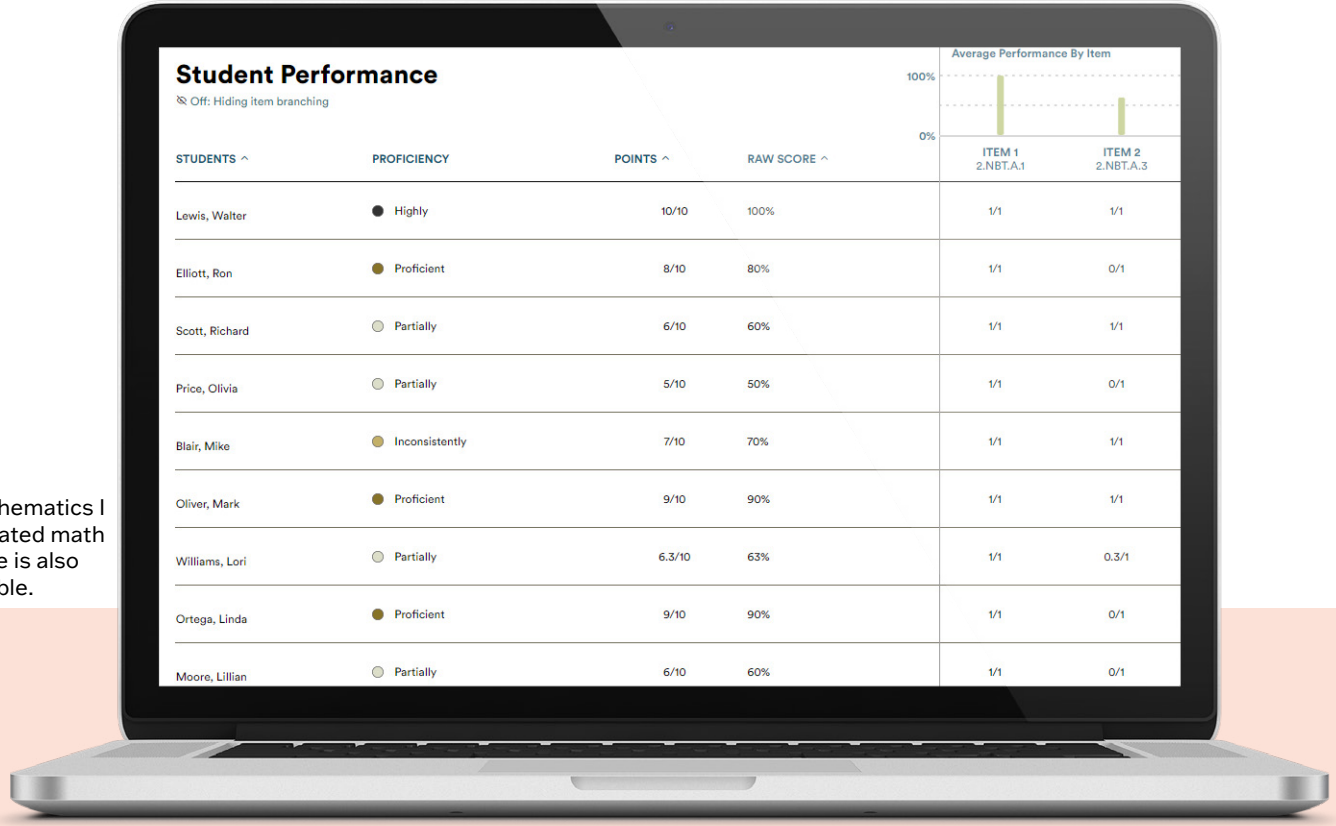


**In Prekindergarten, these tools are referenced as Developmental Progressions and Developmental Indicators.

Diagnostic Assessment Powered by *Eureka Math² Equip*™

- Level 1–Algebra I*
- Pre-Module Assessments assess foundational knowledge
- Print and digital options
- Robust reporting provides recommendations for grouping and just-in-time supporting activities to help students get back on track to access core grade-level instruction.
- Available in the **premium assessment option only**





*A Mathematics I integrated math course is also available.

Formative Assessment

While all assessments in *Eureka Math*^{2} are formative in nature, a strategic array of progress-monitoring tools ensures students are on track and gives teachers data to make real-time course corrections leading toward proficiency with grade-level standards and expectations.

Observational Assessment Recording Sheets

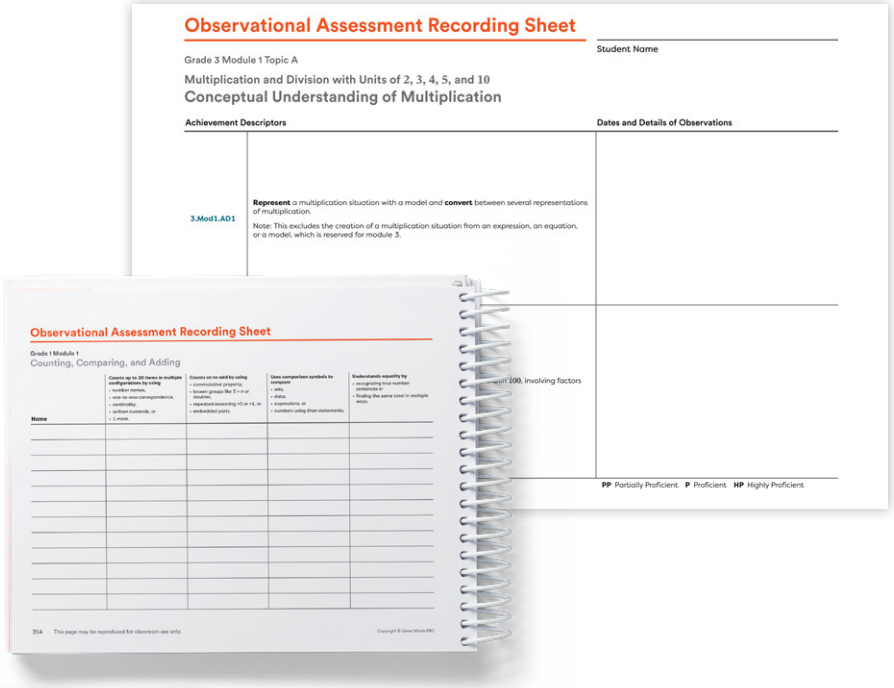
A short, qualitative checklist that captures student progress toward specific Developmental Progressions (PK) or Achievement Descriptors (K–Algebra I*)

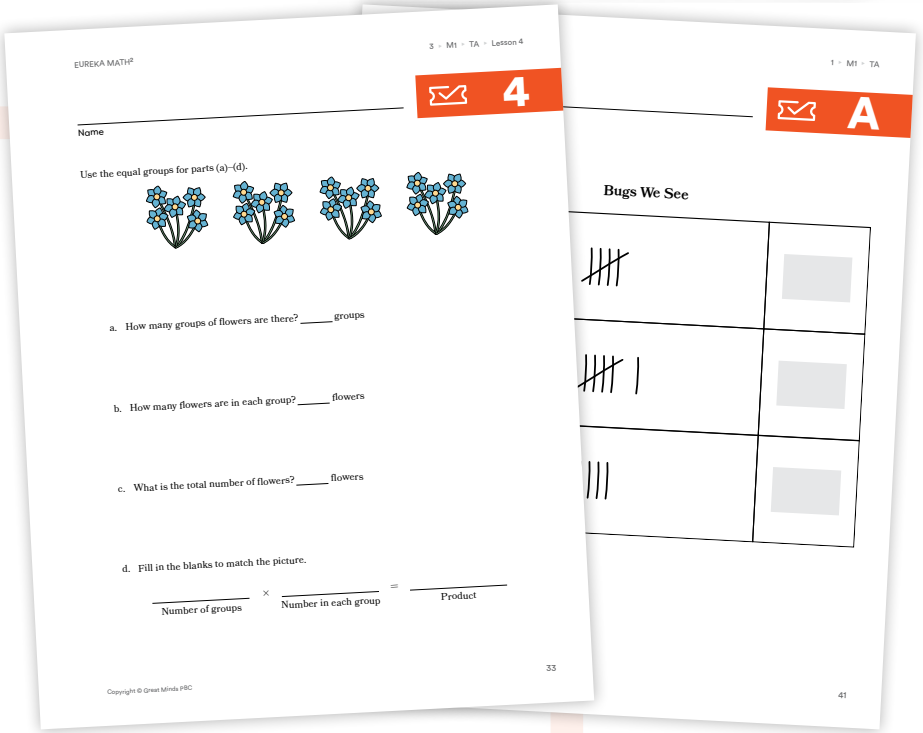
For Grade Levels PK–2

- 1 per Module
- Available in the *Teach* book

For Grade Levels 3–Algebra I*

- 1 per Topic
- Available for download



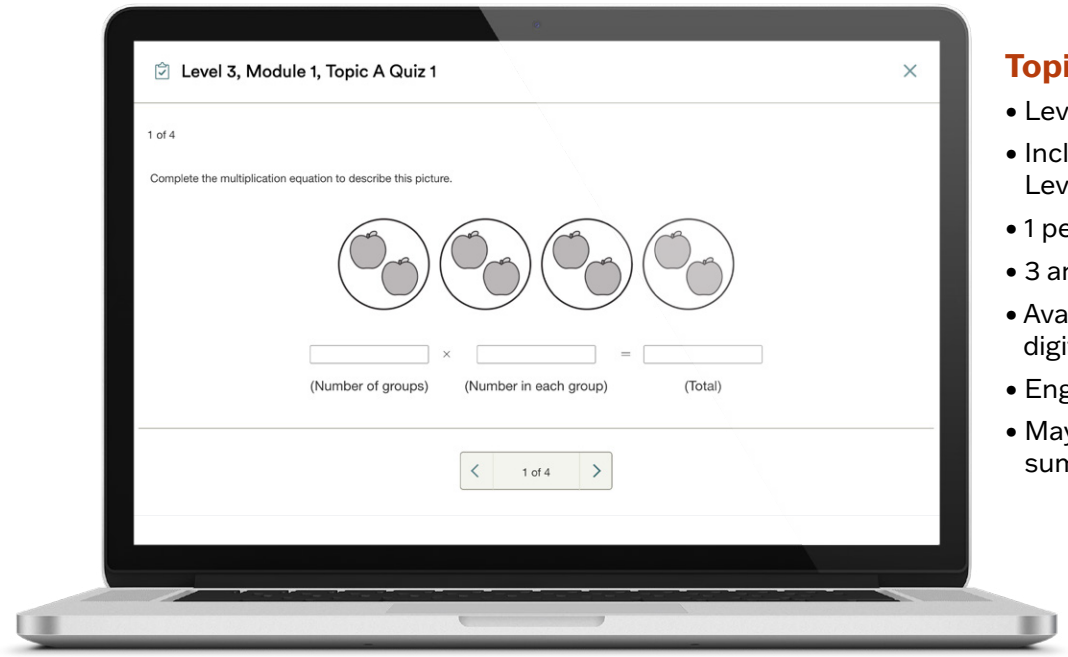


Exit Tickets

- Level 1–Algebra I*
- 1 per lesson
- Print-only administration
- English & Spanish

Topic Tickets

- Levels 1–2
- 1 per topic
- Print-only administration
- English & Spanish
- May also be used as a summative assessment



Topic Quizzes

- Level 3–Algebra I*
- Includes Depth of Knowledge (DOK) Levels 1 and 2 items
- 1 per topic
- 3 analogous versions per topic
- Available for print or digital administration
- English & Spanish
- May also be used as a summative assessment

Performance Assessments

- An alternative method for assessment
- Showcases learning and skills from the major work of the grade
- Leverages mathematical practices
- Suggests next steps in student learning based on responses
- 3 per grade
- Available as download

*A Mathematics I integrated math course is also available.

Name

Wildlife Rescue Center

A wildlife rescue center wants to build rectangular pens.

The raccoon pen needs to have an area of 36 square meters.

The fox pen needs to be 6 meters long and 4 meters wide.

Both pens need to fit in a rectangular space that is 9 meters long and 8 meters wide.

What must be the length and width of the raccoon pen so that both pens will fit in the space?

Show and explain how you know.

Summative Assessment—Measure Student Proficiency

Gain greater visibility into student learning by measuring proficiency with major concepts, skills, and applications against standards over time with summative assessments.

Module Assessments

Assess student proficiency with the major concepts, skills, and applications at the end of each module.

- Includes DOK Levels 1, 2, and 3 items
- Choice of 2 analogous versions
- Avalible in English & Spanish

For Levels PK and K

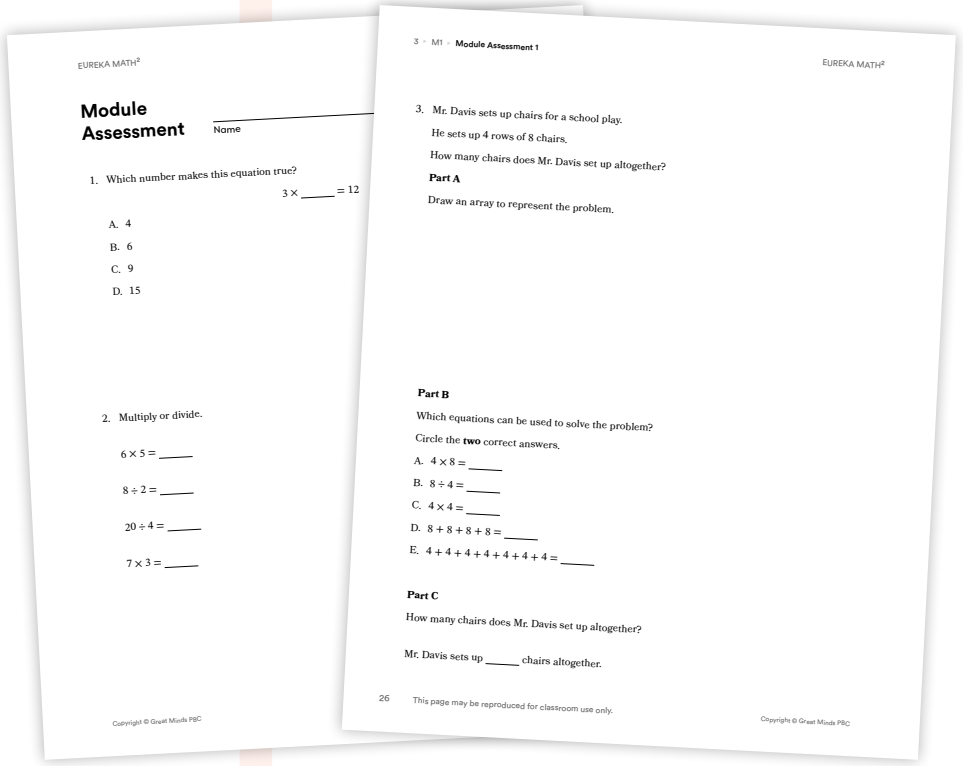
- Administered interview style

For Grade Levels 1–2

- Available for print administration

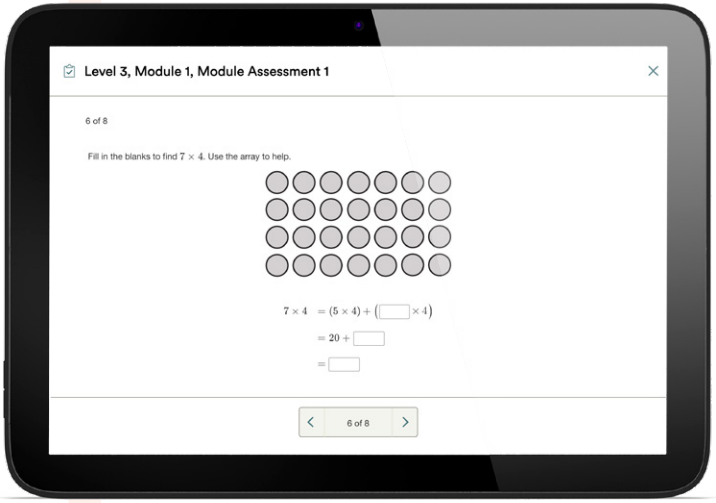
For Grade Levels 3–Algebra I*

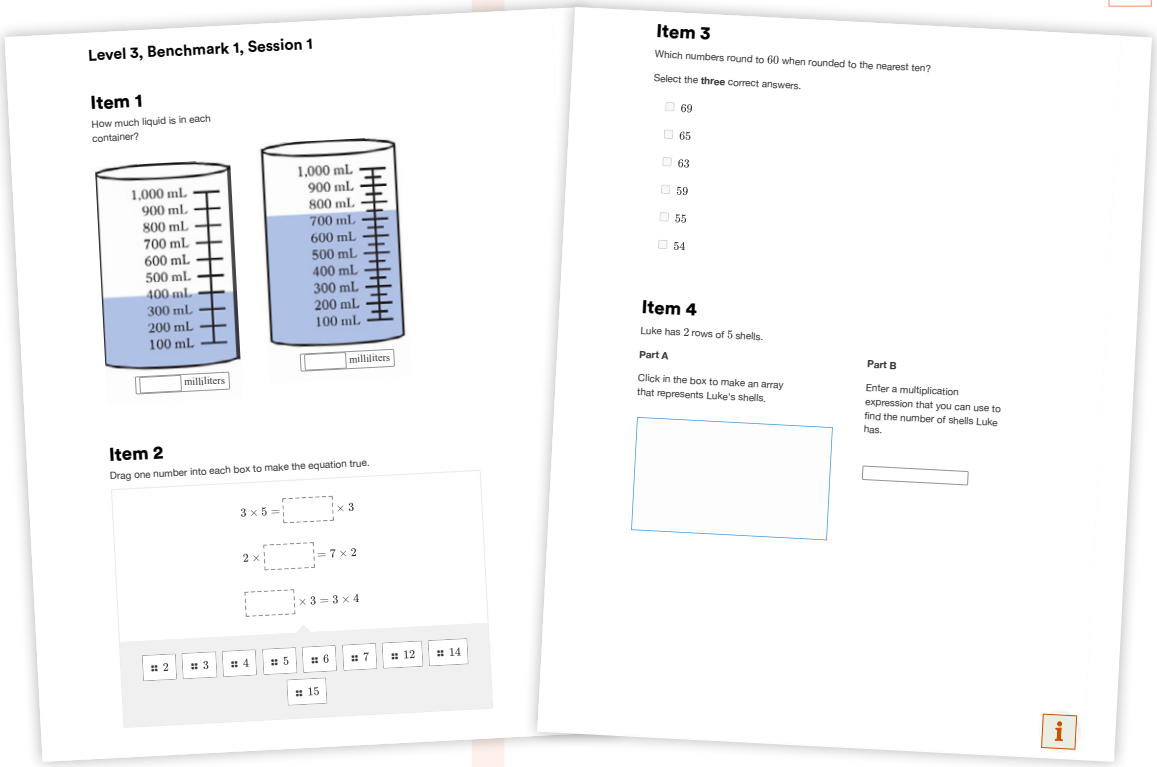
- Available for print or digital administration

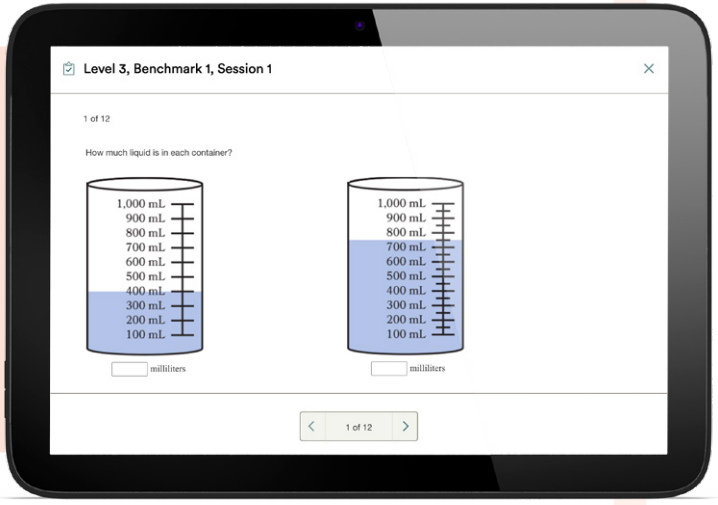


Summative assessments include a variety of technology-enhanced items found on annual state tests, including:

- Fill in the blank
- Multiple choice
- Drag and drop
- Hot spot
- Constructed response
- Short answer
- Choice matrix
- Graphing
- Plotting
- And many more







Benchmark Assessments

Assess student proficiency with math skills and concepts from the two previous modules, and select review skills reflecting the major work of the grade.

- 3 times per year
- Available for print administration—Levels 1–2
- Available for digital administration—Level 3–Algebra I
- English & Spanish
- Available in the **premium assessment option**

Eureka Math² Assessment System at a Glance

Component	Details	Where to Find	PK	K	1–2	3–Alg. I*
Achievement Descriptors: Overview**	1 set per module	Front of Each *Teach* Book	●	●	●	●
Achievement Descriptors: Proficiency Indicators**	1 set per module	Back of Each *Teach* Book	●	●	●	●
Observational Assessment Recording Sheet	Levels PK–2: 1 per module Levels 3–Algebra I*: 1 per topic	Levels PK–2: Back of Each *Teach* Book Levels 3–Algebra I*: *Eureka Math²* digital experience	●	●	●	●
Exit Ticket, Print	1 per lesson (Except for the last lesson of the topic in Levels 1–2)	• Lesson Overview in *Teach* Book • In *Learn* Book • *Eureka Math²* digital experience			●	●
Topic Ticket, Print	1 per topic (Replaces the Exit Ticket of the last lesson of the topic)	• Lesson Overview in *Teach* Book • In *Learn* Book • *Eureka Math²* digital experience			●	
Topic Quiz, Print	3 analogous versions per topic	*Eureka Math²* digital experience				●
Topic Quiz, Digital	3 analogous versions per topic	*Eureka Math²* digital experience				●
Module Assessment, Interview Style	1 per module	• Back of *Teach* Book • *Eureka Math²* digital experience	●	●		
Module Assessment, Print	1 per module in Levels 1–2 2 analogous versions per module in Level 3–Algebra I	• Levels 1–2: Back of *Teach* Book • Level 3–Algebra I: *Eureka Math²* digital experience			●	●
Module Assessment, Digital	2 analogous versions per module	*Eureka Math²* digital experience				●
Performance Assessments	3 per grade	*Eureka Math²* digital experience *(Downloadable PDF format only)*		●	●	●
Premium Assessment Package (includes all of the above plus the items below)						
***Eureka Math²* *Equip* Pre-Module Assessments, Interview Style**	4 per year	*Eureka Math²* digital experience			●	
***Eureka Math²* *Equip* Pre-Module Assessments, Print (core items only)**	4 per year	*Eureka Math²* digital experience			●	●
***Eureka Math²* *Equip* Pre-Module Assessments, Digital (core and branch items with reports that recommend supporting activities)**	4 per year	*Eureka Math²* digital experience			●	●
Benchmark Assessment, Print	3 per year	*Eureka Math²* digital experience			●	
Benchmark Assessment, Digital	3 per year	*Eureka Math²* digital experience				●

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