

Reviewer's Guide



GRADES K–5



Putting Students at the Center

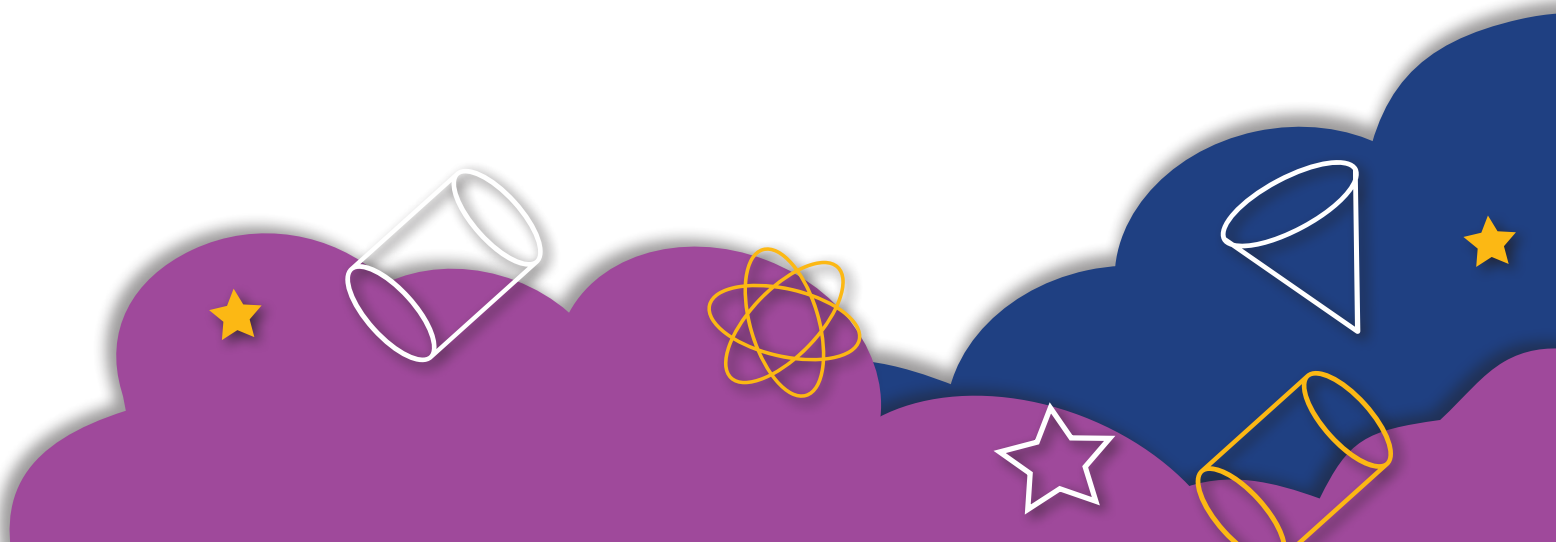
Data are essential to monitoring student success, but students are more than just a number. With *Into Math's* high quality instructional material, we put students at the center of the learning experience. The result? Fearless problem solvers who take charge of their learning journeys, develop sound conceptual understanding, procedural fluency, reasoning skills, and an enduring sense of perseverance.



"All-Green" Rating
From EdReports

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Why is *Into Math* right for you and your students?

1

Immersive learning experiences

Ready-made, standards-aligned sessions save you time and make the delivery of whole-class instruction more efficient and effective. Embedded, interactive instructional routines increase collaboration while providing aggregated real-time insights on student performance.

2

Powered by Mathematical Practices and Processes

Tasks are deeply focused on Mathematical Practices and Processes aligned to the learning goals.

3

Differentiated instruction that makes a difference

Targeted differentiation and our exclusive Tabletop Flipchart mini-lessons support unique student needs for every lesson.

4

Intentional intervention at your fingertips

Instructional resources for all levels of intervention are conveniently located and hyperlinked within your digital Teacher Edition to get your striving students back on track.

5

One place for all students, teachers, and families

High quality instructional materials with powerful assessments, best-in-class core instruction, personalized practice, intensive intervention, and meaningful professional learning are uniquely integrated to empower teaching and learning on *Ed*, the HMH Learning Platform.

6

Personalized Support for Teachers

Personalized implementation support is provided to ensure success within the first 30 days, plus year-round, on-demand access to engaging professional learning resources for support on your schedule.

Transforming Every Classroom— Engaging Every Student

Math classrooms are more dynamic than ever. *Into Math*®, now with *Classcraft*™, makes it even easier to engage all your students. You'll find ready to teach, standards-aligned essential sessions for whole-class instruction with built-in classroom management tools to support you in guiding students through the lesson. Students stay engaged, you'll see how they are responding to the lesson, and your prep time is decreased.

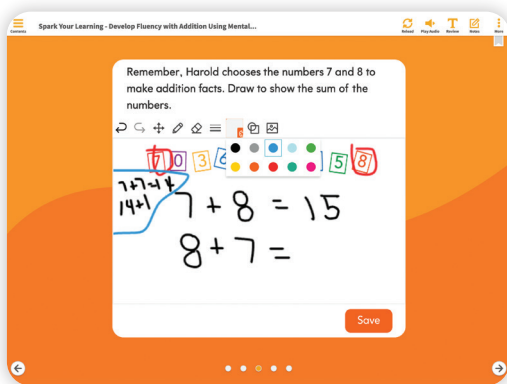


SCAN TO WATCH
THE VIDEO



How do you promote student-centered learning?

Into Math includes **high-quality math tasks** and ample opportunities for hands-on learning, where students work collaboratively and are actively engaged. **STEM** tasks give students the opportunity to use prior knowledge and engage in **discourse** with peers to solve a problem based on the career presented. Ample opportunities for practice are offered and recommended for use when students are ready to practice independently.



Spark Your Learning tasks inspire productive perseverance while using prior knowledge to solve a task related to a new concept or skill. Full audio on *Ed* supports reading comprehension.

STEM tasks connect math to careers and give students the opportunity to engage in discourse with peers to solve real-world problems based on the career presented. STEM tasks help students answer the why, when, and where the math they are embarking on is used in real life.

Unit 1

Understand Multiplication and Area

Baker

Bakers are responsible for making bread, cakes, and other baked goods. They use tools to measure and mix ingredients in specific amounts and a concentrated heat source, such as an oven, to bake their products.

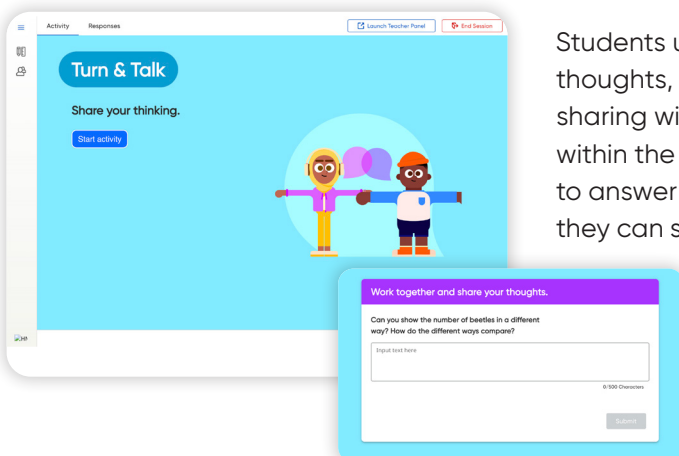
What do you know about bakers? Did you know that there is some form of baking in almost every culture in the world?

You may have heard the term a baker's dozen. A baker's dozen is 13 baked items instead of 12. Here's why: In order to avoid a fine if their loaves of bread were under a certain weight, bakers would add an extra loaf to every dozen.

Unit 1

STEM Task:

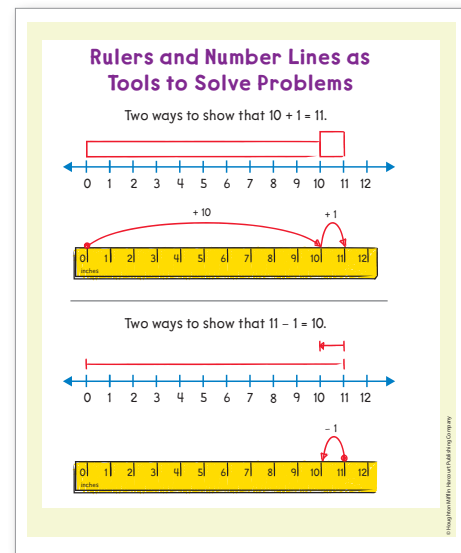
A baker has five trays of biscuits. There are 15 biscuits in all. Trays A and B have a total of 8 biscuits. Trays B and C have a total of 4 biscuits. Trays C and D have a total of 3 biscuits, and trays D and E have a total of 6 biscuits. How many biscuits are on each tray? Come up with a plan to solve this puzzle.



Students use **Turn and Talk** to focus and refine their thoughts, practicing with the language of math, before sharing with the class. The speech-to-text option within the interactive Student Edition allows students to answer more thoughtfully and elaborately now that they can speak instead of type responses.



Learning Mindset tasks help students develop skills and self-perceptions required to see themselves as capable of doing math. *Into Math* helps students see that they too are mathematicians.



Lesson Anchor Charts are provided to teachers as a ready-made guide for collaborative creation. Anchor charts empower learners to own their understanding of concepts as they develop.

Choose the option that tells how you feel about this learning goal.

Learning Goal: I can read and write 6-digit numbers in standard form, word form, and expanded form.

I've got it!

I need more practice.

I don't understand.

Submit

Interactive instructional routines included in every session, are designed to be immersive and engage students, increase collaboration, and encourage ownership of learning. Routines include Learning Goals, Response Activities, Quick Checks, View and Respond, Focus and Learn, Class Prompts, and Polls.

How do you deliver the right support at the right time?

Into Math supports core classroom teachers with an intentional design that meets the needs of every learner. Targeted and comprehensive differentiation resources are **created for every lesson**—allowing you to provide the right support at the right time. **Search by standard** online to access exactly what you want or pull from resource recommendations for **all levels of intervention**, Reteach, Challenge, and much more.

Are You Ready?
Complete these problems to review prior concepts and skills you will need for this module.

Use Pictures to Add
Write the equation that matches the picture.

1

$_____ + _____ = _____$

Sums to 10
Write the sum.

2

$3 + 5 = _____$

Subtraction Facts
Subtract to solve.

3 $9 - 5 = _____$ 4 $3 - 0 = _____$ 5 $_____ = 12 - 9$

6 $16 - 8 = _____$ 7 $_____ = 8 - 2$ 8 $13 - 6 = _____$

Are You Ready? diagnostic assessments assess skills readiness before lessons begin and offer teachers **ready-made resources for all levels of intervention** for skills gaps **hyperlinked within the online TE** for ease of planning and assignment. Assessment is auto scored if given digitally.

DATA-DRIVEN INTERVENTION			
Concept/Skill	Objective	Prior Learning *	Intervene With
Use Pictures to Add	Write an equation for addition based on a picture.	Grade K, Lesson 6.7	- Tier 3 Skill 2 - Reteach, Grade K Lesson 6.7
Sums to 10	Use a visual model for sums up to 10.	Grade 1, Lesson 3.7	- Tier 2 Skill 1 - Reteach, Grade 1 Lesson 3.7
Subtraction Facts	Subtract within 20.	Grade 1, Lesson 14.5	- Tier 2 Skill 3 - Reteach, Grade 1 Lesson 14.5

Teachers have applauded the intervention-like results from *Into Math*.

On Track

Materials: color tiles, MathBoard

Have children work in groups of three. Distribute 10 color tiles of a single unique color to each child. Have the first child choose some tiles. The second child should choose one less. The third child should write the addition fact on the MathBoard. The children will work together to write two doubles facts that could be used to find the original sum. Have the first child explain how to use one of the doubles facts and the second child explain how to use the other. Children should explain that it is necessary to add 1 or subtract 1 from the doubles facts to find the same sum. The third child should write the sum on the MathBoard.

Repeat two more times with children changing roles.

Almost There

Materials: connecting cubes in two colors

Use this Tabletop Flipchart Mini-Lesson to guide children to use connecting cubes to represent doubles and find the sum. Then they will use connecting cubes to help them add near doubles.

- How do you know a pair of numbers would form a near double?
- For each pair, which double would you use to help you find their sum? Explain.
- How do you know if you need to add or subtract 1 to find the near double sum?

Tabletop Flipchart: Lesson 1.1

Ready for More

Materials: MathBoard

Write $7 + 5 = ?$ on the MathBoard. Have children discuss the following questions.

- What doubles fact can be used to solve that addition fact? Possible answers: $7 + 7 = 14$, $5 + 5 = 10$
- How could you use the doubles fact to solve for the original sum? Possible answer: I could use $7 + 7 = 14$, then subtract 2.
- Is there another doubles fact you could use to find the sum? Explain. Possible answer: I could use $5 + 5 = 10$.

On Track

- More Practice/Homework 1.1
- Interactive Glossary: [doubles, sum](#)

Almost There

- Reteach 1.1
- Interactive Reteach 1.1

Ready for More

- Challenge 1.1
- Interactive Challenge 1.1

Differentiated resources directly connect to the lesson content. Teachers can choose from **hands-on, print, or digitally interactive** resources to meet students' needs.



Tabletop Flipchart
mini lessons are perfect
for your co-teacher,
resource math teacher,
or small groups.

LEVELED QUESTIONS		
Depth of Knowledge (DOK)	Leveled Questions	What Does This Tell You?
Level 1 Recall	Identify what you are looking for. What operation will you use? Possible answer: Addition will help me find how many turtles are on the log now.	This question will demonstrate if children understand the concept of addition and how it can be used to solve a problem.
Level 2 Basic Application of Skills & Concepts	How can the doubles fact help you find the sum? Possible answer: I can use the sum of the doubles fact and then subtract or add 1 to find the sum.	Children's answers will demonstrate that they understand how to use a doubles fact to add.
Level 3 Strategic Thinking & Complex Reasoning	Why did you add 1 instead of subtracting 1 to find the sum? Possible answer: Since $4 < 5$, I knew the sum of the doubles fact was 1 less than the sum I wanted.	The children's answers demonstrate if they can take a doubles fact, compare it to another near double addition problem, and determine how to adjust the sum to make it the sum they want.

Probing questions develop student perseverance, while sample **guided questions** and **DOK-leveled questions** support students' sense making and allow for informal formative assessment.

Fully interactive digital practice offers students support and immediate guided feedback. Digital reflection prompts are easily accessible for the teacher.

More Practice/Homework

Describe and name the shape.

Drag the answers into the boxes to complete the information.

Show Hints

sides
 vertices
 right angles
The shape is a

0

1

2

3

4

5

6

7

8

triangle

quadrilateral

pentagon

hexagon

octagon

Check

Back

1

2

3

4

5

6

7

8

9

Stop

Proficiency Level

Beginning

Have children use strategies to develop fluency with addition facts. Guide children through each strategy for $3 + 8$. Have children count aloud and say the sum, 11, for each strategy. Help children complete the equations and read them aloud.

Intermediate

Have children use strategies to develop fluency with addition facts. Guide children through the strategies for $3 + 8$. Ask children to explain why $8 + 3$ is easier for counting on than $3 + 8$. Have children make a concrete model. Ask children to complete the equations and read them aloud.

Advanced

Have children use strategies to develop fluency with addition facts. After children use the strategies for $3 + 8$, have them explain how to use doubles facts for $7 + 6$. For $4 + 9$, ask children to choose a strategy, explain the choice, and show how they will use it.

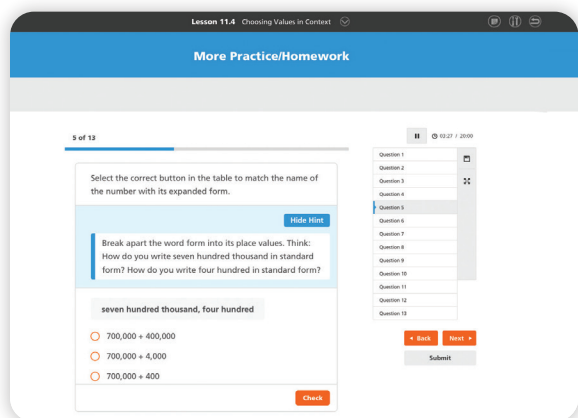
Multilingual Learner support ensures all students are empowered with opportunities to **listen for**, and **speak, read**, and **write** about mathematical situations no matter their level of mastery with English. Language supports work to keep the mathematical rigor intact.

How can you further support student-centered learning in Math Centers?

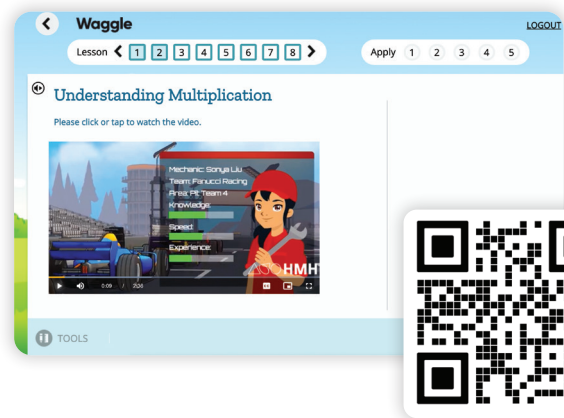
Into Math is the only program that offers a depth and breadth of resources for centers and pulled small groups for every lesson so that teachers have everything they need for hands-on, minds-on learning, personalized and adaptive instruction, pulled small groups, and more.



Purposeful technology enhances classroom instruction and engagement.



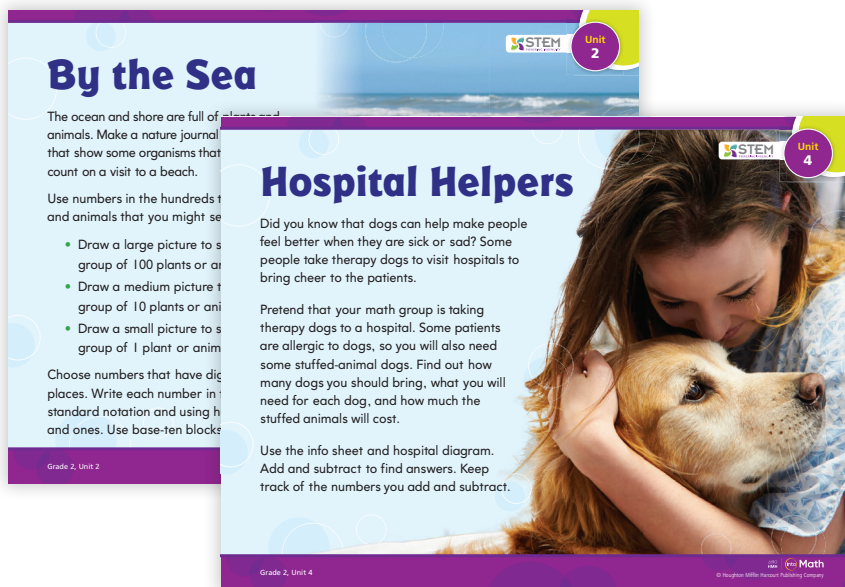
Interactive lessons, fluency practice, and additional practice offer helpful hints and immediate feedback to promote perseverance in technology centers.



SCAN TO WATCH THE VIDEO

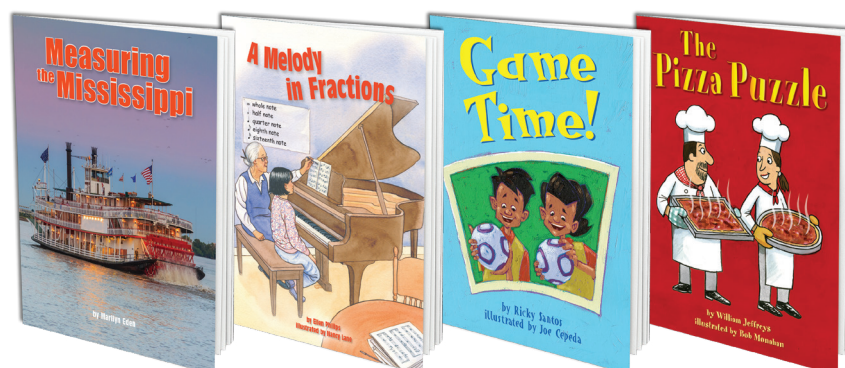
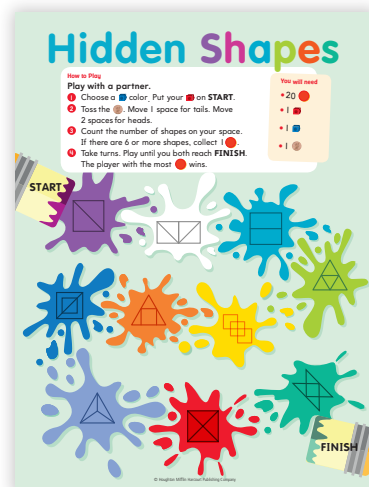
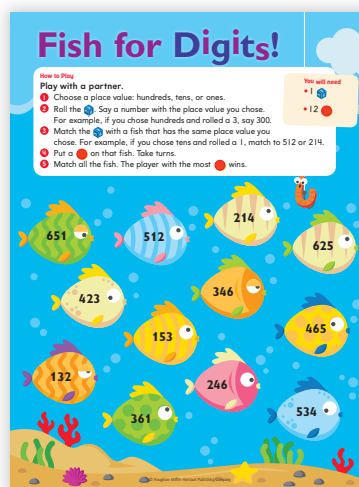
Level up math skills with **Waggle**! Students engage in **fun games, lessons, and problem-solving activities**, while receiving personalized feedback to build mental models for abstract concepts and reasoning skills.

*When bundled with *Into Math*



Unit Project Cards connect math content to careers and the world around students presenting answers to where and when the content is used for real.

Games and Activity Cards offer the opportunity for practice and application in pairs, small groups, or independently while teachers work with pulled small groups.



Into Math Readers connect students to mathematical concepts in fun and authentic situations to increase motivation and engagement.

How will you support language development in mathematics?

Into Math ensures that all children can access the high-quality, effective mathematics curriculum and the academic vocabulary required to drive their mathematical discourse to the next level. Both teachers and students are supported at every turn.

The *Into Math* Language Routines Library allows teachers and students to engage in Math Language Routines during whole-class instruction and small groups. Resources within the library offer strategic supports to students as they develop and strengthen their reading, writing, listening, and speaking about mathematics.



Math Language Routine

Information Gap Cards

Module 3	Problem	Partner 1	Module 3	Data	Partner 1
Module 3	Sylvia has \$70 to buy plants for a garden. How many plants can Sylvia buy? Write an equation to model the problem. Then solve the problem. Answer Sentence Frames 1. Please tell me _____. 2. I need this information because _____. A		Module 3	Gina's photo album can hold 3 pictures on each page.. Questions 1. What do you need to know? 2. Why do you need this information? B	
Module 3	Gina has 396 photos. How many pages can Gina fill? Solve the problem. Answer Sentence Frames 1. Please tell me _____. 2. I need this information because _____. B		Module 3	Each plant costs \$6. Questions 1. What do you need to know? 2. Why do you need this information? A	

Module 3 2

Language Routine Partner Activities can be assigned to partners, print or digitally. Students working digitally will operate in all four language functions, strengthening their use and understanding of mathematical academic vocabulary.

Turn and Talk interactions in every lesson of *Into Math* will have **Speech to Text** functionality permitting more thoughtful and detailed responses from students.

Turn & Talk

How does your representation show division?

Share your thinking.

Start

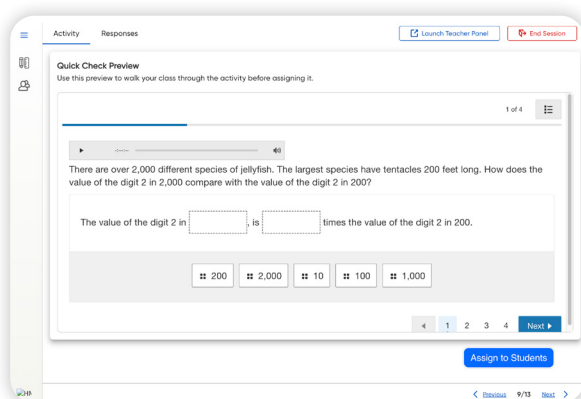


Peer Coach Videos serve as a model and refresher on what collaborative routines look like.

How will your students demonstrate understanding?

Formative Assessments

Into Math provides formative assessments to give you maximum flexibility in assessing what your students know and can do, as well as where they may need additional support throughout the entire lesson. Full audio on *Ed* offers key support for students so that teachers are assessing math understanding rather than reading comprehension.



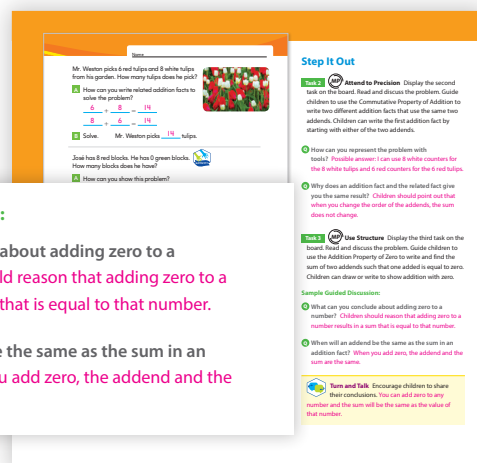
Teachers use **Check Understanding**, in print or digitally, for quick formative assessment of lesson content understanding before independent practice. Built-in differentiation resources ready students in need for upcoming practice.

Check understanding before independent practice to increase student success.

Sample Guided Discussion feature provides teachers with questions to ask that lead students to understanding without giving away answers.

Sample Guided Discussion:

- Q What can you conclude about adding zero to a number? **Children should reason that adding zero to a number results in a sum that is equal to that number.**
- Q When will an addend be the same as the sum in an addition fact? **When you add zero, the addend and the sum are the same.**



Exit Ticket

There are 9 ladybugs on a plant.
There are 3 ladybugs on another plant.
How many ladybugs are on both plants?

Exit Tickets provide a simple and practical way to assess how well students understand the material. Lesson writing prompts are also included.

Summative Assessments

Into Math includes numerous summative assessments to help teachers and their students in monitoring progress towards mastery at every turn including print, digital, and hands-on assessments.

I Can 

The scale below can help you and your children understand their progress on a learning goal.

4 I can explain how to use two addition facts to represent the same sum.

3 I can add in any order, add zero, and use strategies to find sums.

2 I can find sums within 20.

1 I can draw visual models to show sums within 20.

Choose the option that tells how you feel about this learning goal.

Learning Goal: I can use a place-value chart to compare the values of different digits and justify the comparisons.



I've got it!



I need more practice.



I don't understand.

Submit

Teachers can **wrap up learning** with Exit Tickets, journal writing prompts, "I Can" self assessment, Measure Your Learning Goals, Anchor Charts, and "I'm in a Learning Mindset" prompts.

Module Review provides opportunity for a quick assessment of Performance Expectations aligned to the module.

Performance Tasks allow for collaborative practice or assessment of the Performance Expectations aligned to the Unit.

1 of 10

What is a way to find the sum of $8 + 9$?



☐ $7 + 7 + 1$

☐ $8 + 8 + 1$

☐ $9 + 9 + 1$

Back
1
2 3 4 5 6 7 8 9 10
Next

3 Write a doubles fact that can help you find the sum. Write the sum.

$9 + 8 = 17$ doubles fact $9 + 9 = 18$

Find the sum.

4 $4 + 6 = 10$

Find the difference.

5 $12 - 4 = 8$

6 On one plant, there are 9 peppers. There are 4 peppers. How many peppers are there? Make a ten to find the sum.

$9 + 4 = 13$ $10 + 3 = 13$

7 Find the difference. Show the tens.

$14 - 8 = 6$ $10 - 4 = 6$

Choose two addends to add first. Write the sum. Possible answers:

8 $4 + 2 + 4 = 10$

9 $4 + 7 + 3 = 14$

10 thirty-eight

11

12

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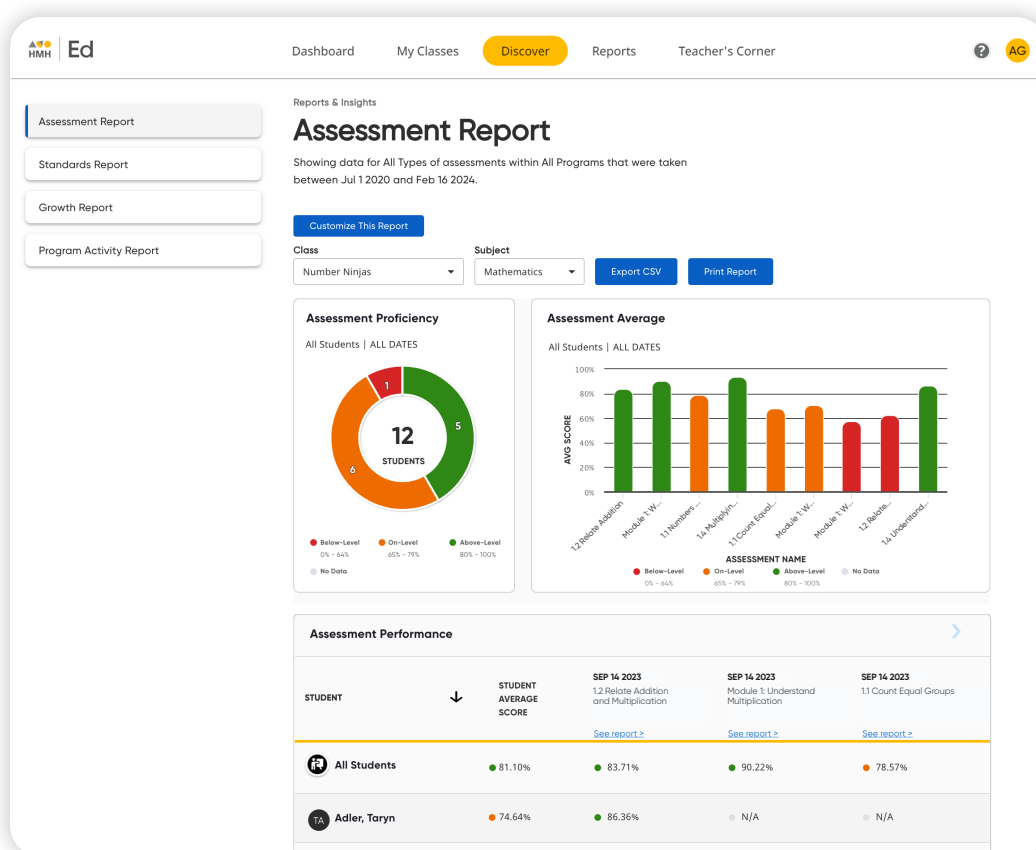
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How will you measure and monitor student growth?

Into Math Assessments and Reporting

The *Into Math* assessment system provides ongoing monitoring to ensure that students have the skills to meet standards and advance to higher-level mathematical thinking.

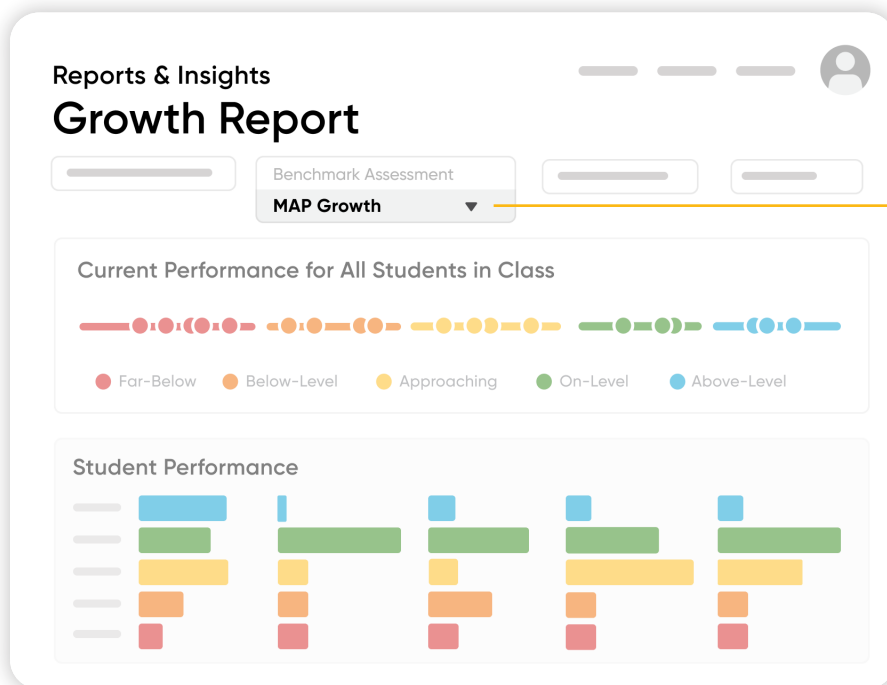


- Reporting includes: Assessment Report, Standards Report, Grouping, Item Analysis, and more.
- View class or individual student reports to monitor performance and determine level of support needed using ready-made tools for all levels of intervention.
- Monitor overall class performance and key utilization metrics on whole-class instructional sessions.
- Data is displayed in a variety of representations, and users can drill down for thorough insights into performance and progress.

Integrated Insights with Key *MAP® Growth™* Data

Benefits of using both *Into Math* and *MAP Growth*:

- **Beginning, Middle, and End of Year:**
MAP Growth customers can see key *MAP Growth* data in reporting on *HMH Ed®*. This includes RIT scores, achievement percentiles, and *Quantile®* scores.
- **Daily Check-Ins:**
Into Math will provide daily check-ins on student performance against state standards.
- **Unified Reporting:**
Key *MAP Growth* data will appear in the Reports tab on *HMH Ed*—the same place as *Into Math* data. This will give teachers a single spot to review students' progress.



Key *MAP Growth* student data will populate reports on *Ed* for easy teacher access.

The Growth Report on *HMH Ed* includes class, student, and parent report views to inform instruction and facilitate growth conversations.

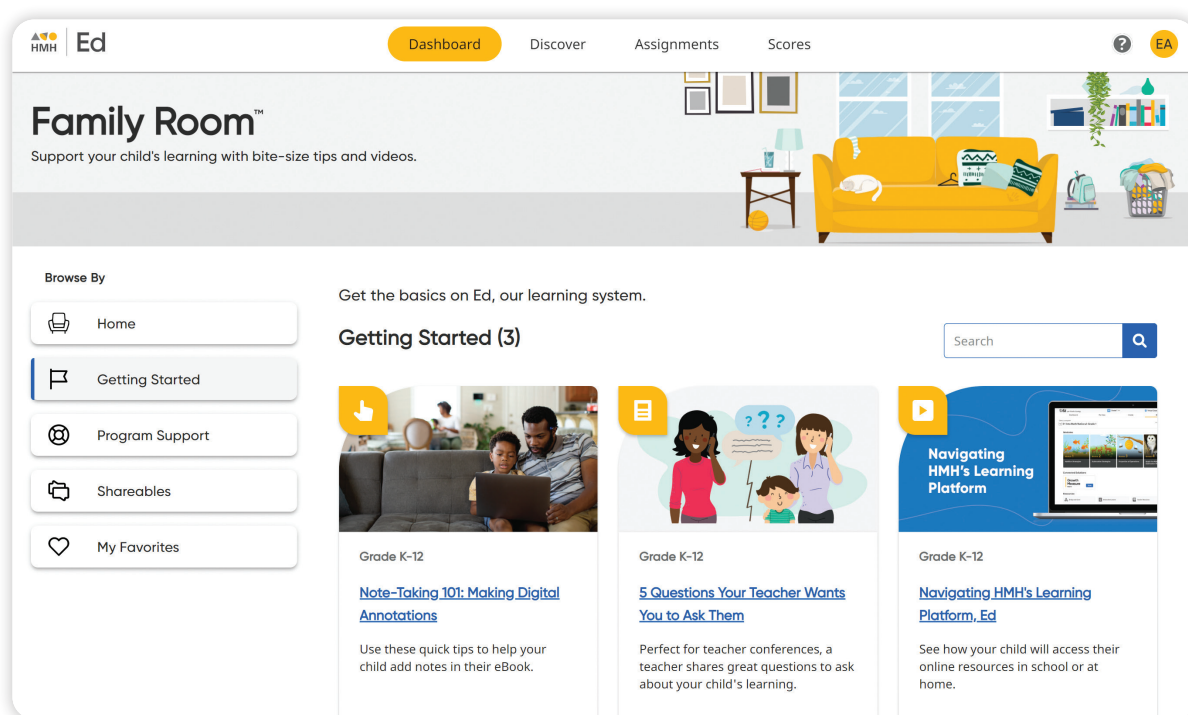


NOTE: Key *MAP Growth* data on *Ed* is available to customers with active subscriptions to *Into Math* and *MAP Growth* who utilize Common Rostering for both.

*Images shown are for illustration purposes and may not be an exact representation of the product.

How do you connect with your students and their families?

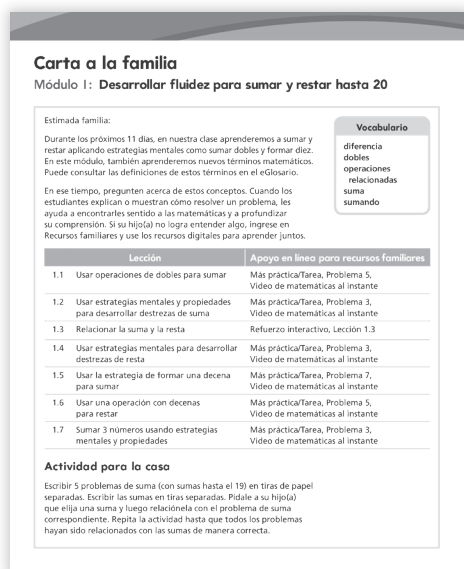
Ed, the HMH Learning Platform, supports students and families when and where they need it. **Family Room™** provides the resources caregivers need to support students with easy access to **tutorial videos**, Home to School letters in multiple languages, and access to their children's assignments via the student's *HMH Ed* login.



Family Room—Created with Caregivers in Mind

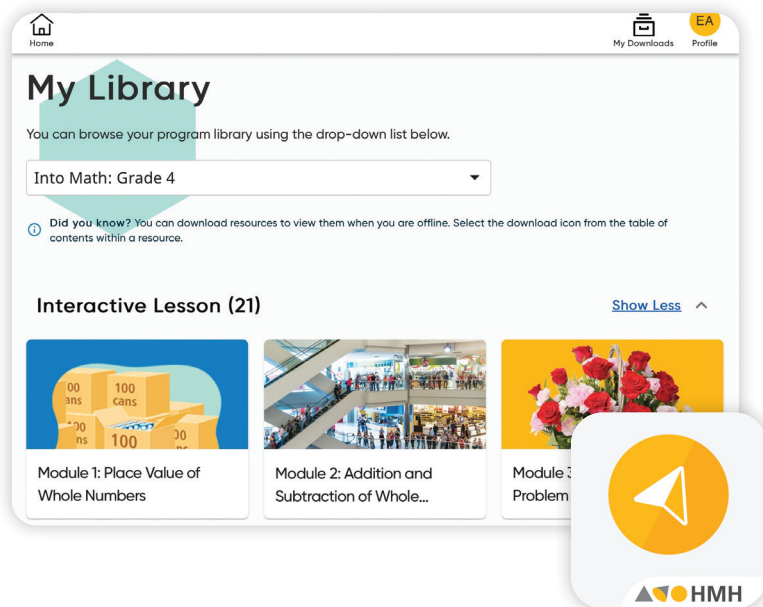
Family Room provides all the information and resources caregivers need, in one place, to support their student's learning. With their student's *Ed* login, caregivers can access:

- Their student's assignments, online learning sessions, and resources
- On-demand, bite-size articles, videos, and tips from teachers and other families
- Resources in both English and Spanish



School Home Letters, available in **multiple languages**, provide caregivers details on upcoming learning and activities to connect concepts to topics at home.

Tutorial videos, accessible from the student *Ed* account, help students and caregivers in understanding how to solve at-home practice and concepts taught during classes.



Teach and Learn Anywhere

We understand that there are multifaceted challenges that can prevent students from accessing the internet. HMH is committed to access for all students, from anywhere.

The *HMH Go*™ app is available for Android™, iOS®, and laptops (including Chromebook™ devices). The app enables users to **work** on core content **offline** and sync it back up once they're online.

How will you be supported in planning and instruction?

Into Math ensures that you have what you need at every turn, saving you valuable hours each week.

3.1 Multiply with 2 and 4

LESSON FOCUS AND COHERENCE

Mathematics Standards
 Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.

Mathematical Practices and Processes (MP)
 • Use appropriate tools strategically.
 • Look for and make use of structure.

I Can Objective
 I can use different strategies to multiply with the factors 2 and 4 and solve equal groups problems.

Mathematical Progressions

Prior Learning	Current Development
Students: - counted objects by 2s. (Gr2.2.1 and 2.2) - wrote equations to represent the sum of equal addends. (Gr2.2.3-2.5)	Students: use multiplication within 100 to solve word problems involving equal groups and measurement quantities by using drawings and equations with a symbol for the unknown number to represent the problem.

PROFESSIONAL LEARNING

About the Math
Teaching for Depth Students have seen that the number of objects in 2 equal groups is the same as the number in one group. For example, the number of objects in 2 groups of 5 is $5 + 5 = 10$. In this lesson, students will connect their understanding of doubling to multiplication with 2s and 4s.

Multiplying a number by 2 is the same as doubling the number. For example, 2×6 is equivalent to $6 + 6$. Multiplying by 4 is the same as multiplying by 2 and doubling the product. Student 4 $\times$ 6 by multiplying $2 \times 6 = 12$ and doubling the product. $12 + 12 = 24$. So, $4 \times 6 = 24$.

Grade: 4

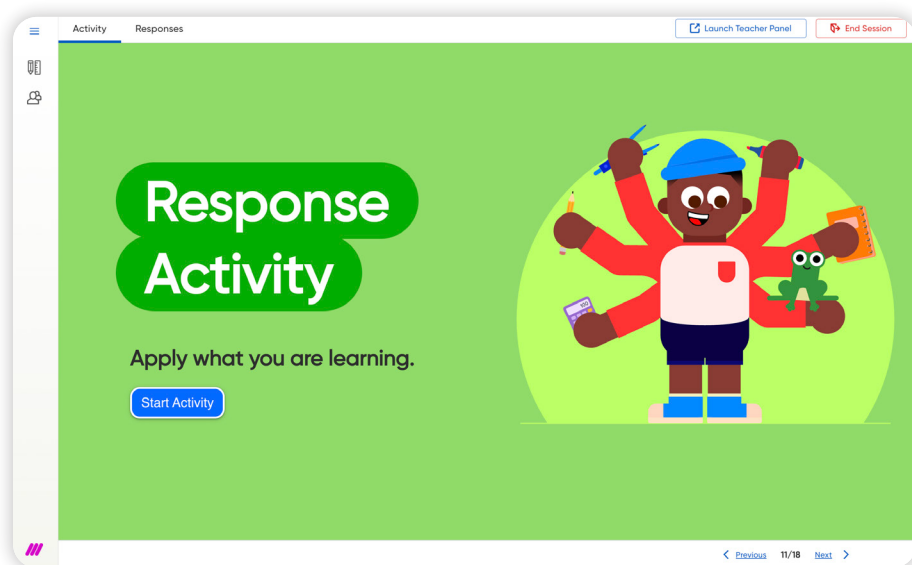
Module 6: Understand Division by 1-Digit Numbers

Differentiated Instruction: Math Centers and Small-Group Instruction

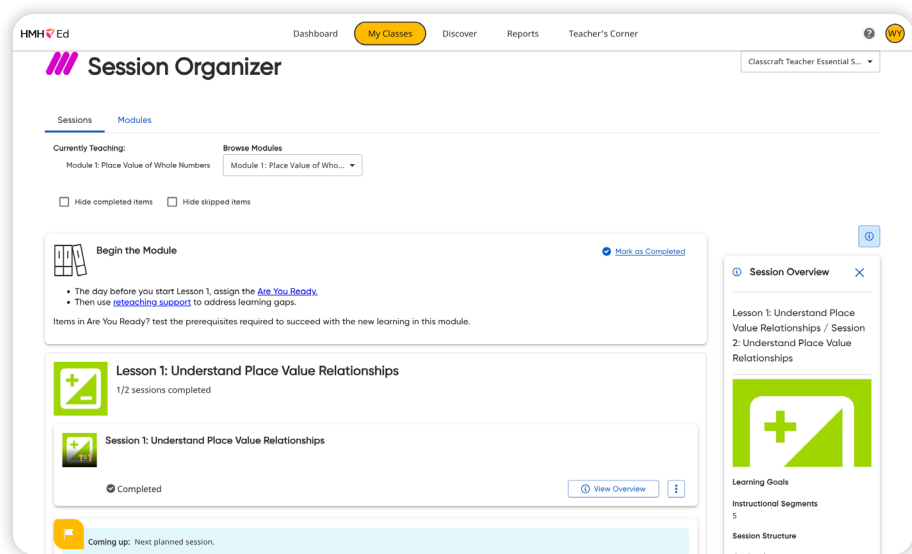
Math Center/Choice Time			Leveled Support		
Independent Practice			On Track		
Task: On Your Own — page 144 More Practice/Homework	Students:	Materials/Prep: N/A	Task: Small Group Mini Lesson	Students:	Materials/Prep: N/A
Collaborative Practice			Almost There		
Task: MLR 3: Division Reminders MLR 4: Division Problems MLR 7: Division Representations	Students:	Materials/Prep: ML3 cards for Lesson 6.3 ML4 cards for Lesson 6.3 ML7 cards for Lesson 6.3	Task: Reteach: Learn the Math Reteach: Do the Math Tabletop Flipchart: Small Group Mini Lesson	Students:	Materials/Prep: N/A
Digital Practice			Ready for More		
Task: On Your Own More Practice/Homework Pogies: Reminders and Division Waggle	Students:	Materials/Prep: N/A	Task: Challenge: Interpret Reminders Small Group Mini Lesson	Students:	Materials/Prep: N/A index cards

Digital Teacher Editions include hyperlinks to resources teachers may choose to use during all phases of instruction.

Editable Lesson Plans with point-of-use links and detailed pacing make each lesson more classroom-ready and customizable.



Ready-made, standards-aligned sessions save you time and make the delivery of whole-class instruction more efficient and effective. Embedded interactive instructional routines provide aggregated real-time insights on student performance.



Designed to save you time while taking the guesswork out of instruction, the **Session Organizer** on Ed provides a linear view of ready to teach, current and upcoming whole-class instructional sessions, including an overview and support for what to do before and after the session.

A Professional Learning Partner Invested in Educator Success

HMH partners with educators all throughout the year to provide guided learning experiences that build confidence in their new *Into Math* program and support them as they work towards their professional goals.

Included with your Program Subscription

1 Get Started with *Into Math*

Build community and prepare for your first lesson during a Getting Started session with an HMH Coach.

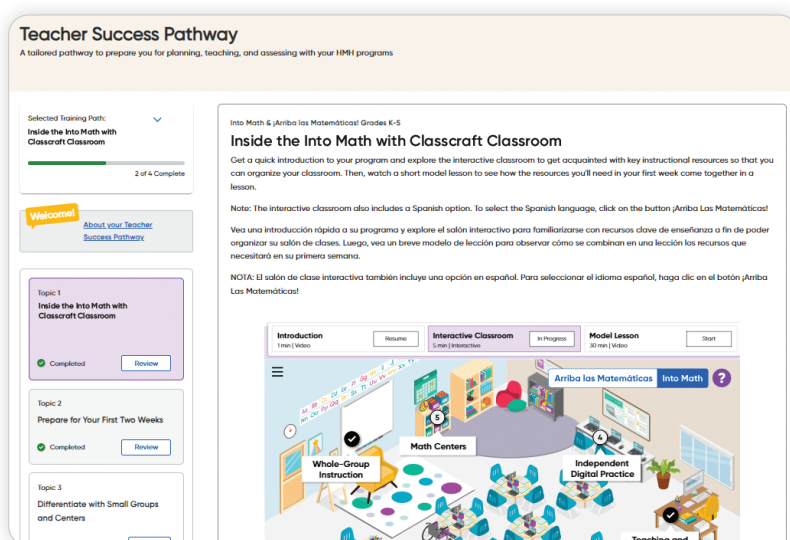
2 Build Teacher Confidence

Teachers starting at any time of the year can get up and running quickly with resources in their Teacher Success Pathways that help them plan, teach, and assess learning, using their new HMH program. Self-paced sessions include: preparing for the first two weeks of instruction; analyzing data and reports, differentiating instruction, and more!

3 Experience Yearlong Professional Growth

Teacher's Corner® on the Ed HMH learning platform puts real-world classroom videos, teaching best practices and live, online PD events at your fingertips, on your schedule.

Leader's Corner® provides year-round access to resources, live events, reports, and guides to support a successful *Into Math* implementation.



Use Teacher Success Pathways virtual classroom to learn more about your *Into Math* resources

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Additional Professional Learning

Our experienced HMH instructional coaches provide educators with year-round support to help them meet their professional goals. From supporting program implementation to providing personalized teaching strategies, our coaches are there every step of the way.

Partner with an HMH Coach for Personalized Professional Growth

HMH *Coachly*™ is a year-round subscription for teachers that provides unlimited support from a thoughtfully matched instructional coach online, in same place as their *Into Math* curriculum.

Connect Evidence-Based Practices with Daily Instruction

Our professional learning course *“Building Students’ Capacity for Reasoning and Discourse with Into Math”* connects mathematics pedagogy to *Into Math* with a perfect blend of in-person and live online professional learning from an expert instructional coach.

Nationally Recognized



Did you know HMH Professional Learning has been nationally recognized for our ability to support implementation and provide ongoing teacher and leader professional development?

Where do you find the right resource to support your *Into Math* instruction?

Grades K–5 Components

COMPONENTS	PRINT	DIGITAL
STUDENT RESOURCES		
Student Edition*	●	Interactive Lessons and eBook
Practice and Homework Journal*	●	Interactive Practice and PDFs
Getting Ready for High-Stakes Assessment		Interactive Practice and PDFs
Bilingual MathBoards* (Write-On/Wipe-Off)	●	PDF Boards*, Drawing Tool
Math Manipulatives	●	Virtual Manipulatives
PARENT AND HOME SUPPORT		
Multilingual School–Home Letters*		PDFs
<i>Math on the Spot</i> Video Tutorials (Spanish Audio & CC)		●
Interactive Lesson Reteach*		Interactive and PDFs
Multilingual Glossary*		PDFs
Family and Caregiver Support Including Access to Student Login and Implementation Support		●
CORE TEACHER RESOURCES		
Teacher Edition*	●	Resource Hyperlinked eBook
Teacher Edition: Planning and Pacing Guide	●	PDFs
Quick Start Program Guide		PDF
Tabletop Flipchart for Small-Group Instruction	●	PDFs (Student Side Available in Spanish)
Assessment Guide with Module Tests, Performance Tasks*		Online Assessments, PDFs
Differentiated Instruction Masters*		Interactive Practice and PDFs
Teacher Resource Masters*		PDFs
TEACHER DIGITAL MANAGEMENT CENTER TOOLS		
Standards, Assessment, and Item Analysis Reports		●
Grouping Tool		●
Assessment Bank (English and Spanish Items)		●
Whole-Class Instructional Sessions		Interactive with Real-Time Insights

* Spanish Version Available

COMPONENTS	PRINT	DIGITAL
ASSESSMENTS		
Program Assessments Including Summative, Formative, Benchmarks, Performance Tasks		●
RESOURCES FOR DIFFERENTIATION		
Lesson Reteach*		Interactive Practice and PDFs
Lesson Challenge*		Interactive Practice and PDFs
Additional Practice*		Interactive Practice and PDFs
Basic Skills Fluency Builders		Interactive Practice and PDFs*
RtI Tiers 2 and 3 Mini-Lessons*		Interactive Practice and PDFs
Standards Practice and Practice Tests		Interactive Practice and PDFs
Getting Ready Lessons*		PDFs
Game and Activity Cards*	●	PDFs
<i>Poggles MX</i> ® Games*		●
Math Readers*	●	PDFs
STEM Tasks and Unit Project Cards*	●	PDFs
RESOURCES FOR PROFESSIONAL LEARNING ONLINE		
Getting Started: An introduction to program resources, implementation model, and the digital experience on <i>Ed</i>		
Teacher Success Pathways: Live and on-demand learning on <i>Ed</i> to ensure teacher success within the first 30 days		
Teacher's Corner: Year long access to on-demand resources and live events for all teachers and leaders		
Professional Learning Cards: Provides teacher supports for Talk Moves and Language Routines		
Professional Learning Classroom Videos: <i>Into Math</i> authors and HMH math coaches demonstrate model lessons within the classroom		

Ed makes it easy to teach with *Into Math* through your district's LMS, including:

- **Google Classroom**
- **Canvas**®
- **Schoology**®

We also provide one-click access through trusted single sign-on partners, including:

- **Clever**®
- **Skyward**®
- **ClassLink**®

What manipulatives does *Into Math* have to support student understanding?

Into Math provides robust digital tools and hands-on manipulatives to help students build their conceptual understanding and be able to articulate their math understanding with others.

GRADE K	Premium Kit: QTY	Essential Kit: QTY
Foam Pattern Blocks (Set of 27)	30	15
Foam Geometric Shapes (Set of 6)	20	
Foam Plane Shapes	30	10
Number & Symbol Tiles (30 Sets/Zip Bag)	1	1
Plastic Snap Cubes® (Set of 100)	30	10
20 Beads on a Lace	1	
Foam Two-Color Counters (Set of 20)	30	10
Foam Color Tiles (Set of 40)	30	
GRADE 1	Premium Kit: QTY	Essential Kit: QTY
Foam Base Ten Rods (Set of 20)	15	15
Foam Base Ten Units (Set of 20)	30	15
Foam Color Tiles (Set of 40)	30	
Foam Pattern Blocks (Set of 27)	30	
Foam Geometric Shapes (Set of 6)	20	
Foam Plane Shapes	30	
Foam Two-Color Counters (Set of 20)	30	15
Number Cubes, Blank with 50 Labels	15	
Plastic Snap Cubes (Set of 100)	15	10
Laminated Clock Faces (Set of 10)	3	
Standard Inch Rulers (Inches Only)	22	
\$1 Paper Bills (Set of 100)	1	1
Coins - 4 Quarters, 10 Dimes, 10 Nickels, 25 Pennies (Set of 49)	30	15

GRADE 2	Premium Kit: QTY	Essential Kit: QTY
Base Ten Cube, Plastic	1	1
Foam Base Ten Flats (Set of 10)	30	15
Foam Base Ten Rods (Set of 20)	30	15
Foam Base Ten Units (Set of 100)	10	10
Foam Geometric Shapes (Set of 6)	6	
Foam Color Tiles (Set of 40)	30	
Foam Two-Color Counters (Set of 20)	30	
Foam Plane Shapes	10	
Foam Pattern Blocks (Set of 27)	30	
Plastic Rulers (Set of 10)	3	
Number Cubes, Blank with 50 Labels	15	
Plastic Cubes, 2 cm, 10 Colors	15	
Adding Machine Tape	1	
\$1 Paper Bills (Set of 100)	3	1
\$5 Paper Bills (Set of 100)	1	1
\$10 Paper Bills (Set of 100)	1	1
\$20 Paper Bills (Set of 100)	1	1
Laminated Clock Faces (Set of 10)	3	
Coins - 4 Quarters, 10 Dimes, 10 Nickels, 25 Pennies (Set of 49)	30	15
\$100 Paper Bills	1 Pkg	1 Pkg
Measuring Tapes, Inches (Set of 10)	3	

+The Essential Kit, designed for collaborative, student-centered classrooms, contains smaller quantities of the most frequently used manipulatives that can be shared by pairs or groups of students.

++The Premium Kit contains commonly used math manipulatives in quantities for the classroom for each grade level.

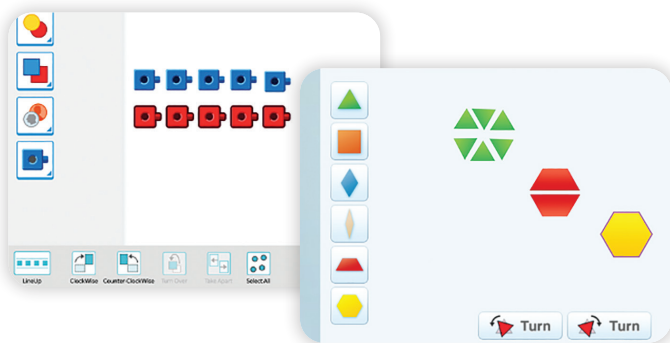
Quantities are determined in a manner to keep cost as low as possible. Dependent upon the task, students will work in groups, pairs, or individually with the manipulatives. In some cases, there is a single item provided for teacher demonstration.

The approved quantities meet the CPSIA standards.

GRADE 3	Premium Kit: QTY	Essential Kit: QTY
Base Ten Cube, Plastic	1	1
Foam Base Ten Flats (Set of 10)	8	8
Foam Base Ten Rods (Set of 20)	12	10
Foam Base Ten Units (Set of 100)	6	6
Foam Pattern Blocks (Set of 27)	30	
Foam Color Tiles (Set of 40)	30	
Foam Two-Color Counters (Set of 50)	12	12
Double-Sided Geoboards with Bands	15	
Laminated Clock Faces (Set of 10)	3	
Dual Dial Platform Scale	1	
Plastic Kilogram Mass Weights	2	
Pan Balance Jr.	2	
Plastic Rulers (Set of 10)	3	
Measuring Pitchers, Liquid (Set of 3)	6	
Plastic Hexagram® Weights (Set of 54)	2	
Coins - 4 Quarters, 10 Dimes, 10 Nickels, 25 Pennies (Set of 49)	12	
Rainbow Fraction® Tiles (Set of 51)	30	15
Plastic Cubes, 2 cm, 10 Colors (Set of 100)	3	
Fraction Circles (Set of 51)	30	15

Digital Manipulatives

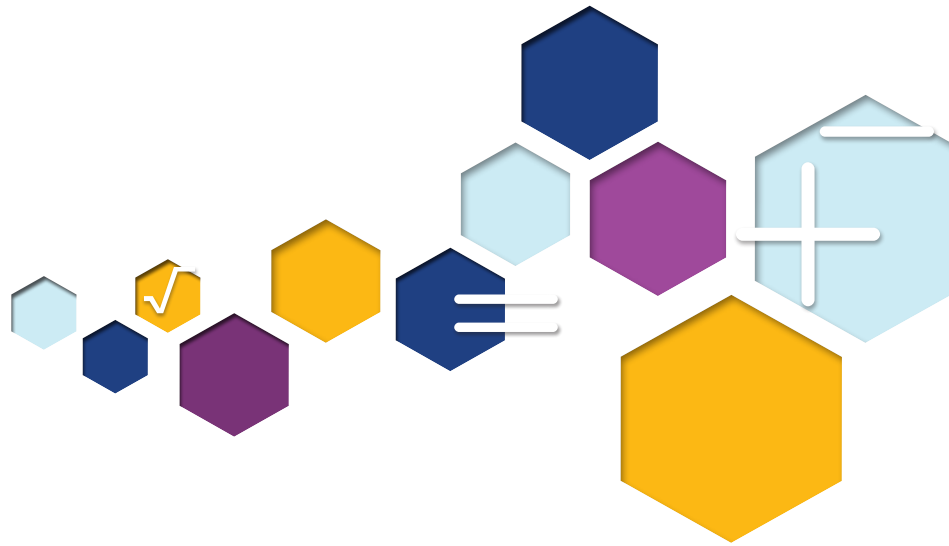
Robust virtual manipulatives and iTools are easily accessible on *Ed*.



GRADE 4	Premium Kit: QTY	Essential Kit: QTY
Base Ten Cubes, Plastic	10	10
Foam Base Ten Flats (Set of 10)	30	8
Foam Base Ten Rods (Set of 20)	27	15
Foam Base Ten Units (Set of 100)	9	9
Foam Color Tiles (Set of 40)	20	
Foam Pattern Blocks (Set of 27)	30	
Foam Two-Color Counters (Set of 50)	44	
Plastic Rulers (Set of 10)	3	
Rainbow Fraction Tiles (Set of 51)	30	15
Plastic Protractors (Set of 6)	5	
Fraction Circles (Set of 51)	90	15
Laminated Clock Faces (Set of 10)	1	
\$1 Paper Bills (Set of 100)	1	
Coins - Quarters (Set of 100)	2	
Coins - 4 Quarters, 10 Dimes, 10 Nickels, 25 Pennies (Set of 49)	30	
Dual-Dial Platform Scale	1	
GRADE 5	Premium Kit: QTY	Essential Kit: QTY
Base Ten Cubes, Plastic	5	5
Foam Base Ten Flats (Set of 10)	10	10
Foam Base Ten Rods (Set of 20)	15	15
Foam Base Ten Units (Set of 100)	10	10
Foam Pattern Blocks (Bag of 250)	1	
Foam Two-Color Counters (Set of 50)	30	
Rainbow Fraction Tiles, (Set of 51)	15	30
Fraction Circles (Set of 51)	15	15
Plastic Rulers (Set of 10)	3	
Plastic Cubes, 2 cm, 10 Colors (Set of 100)	5	

HMH  Into Math®

HMH  ¡Arriba las Matemáticas!™



Putting Students at the Center

To learn more visit
hmhco.com/samplemath

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