Core Curriculum

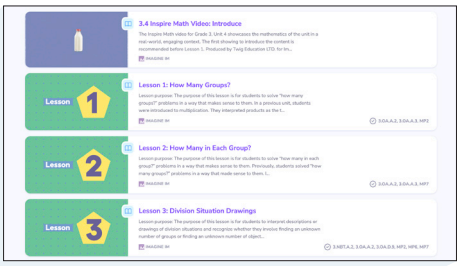
Grades K–12

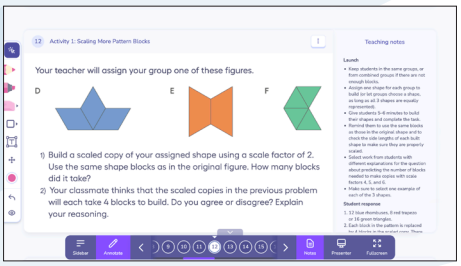
imagine IM®

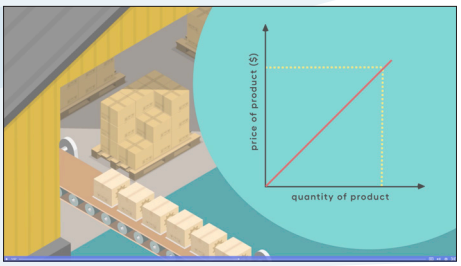
imagine learning

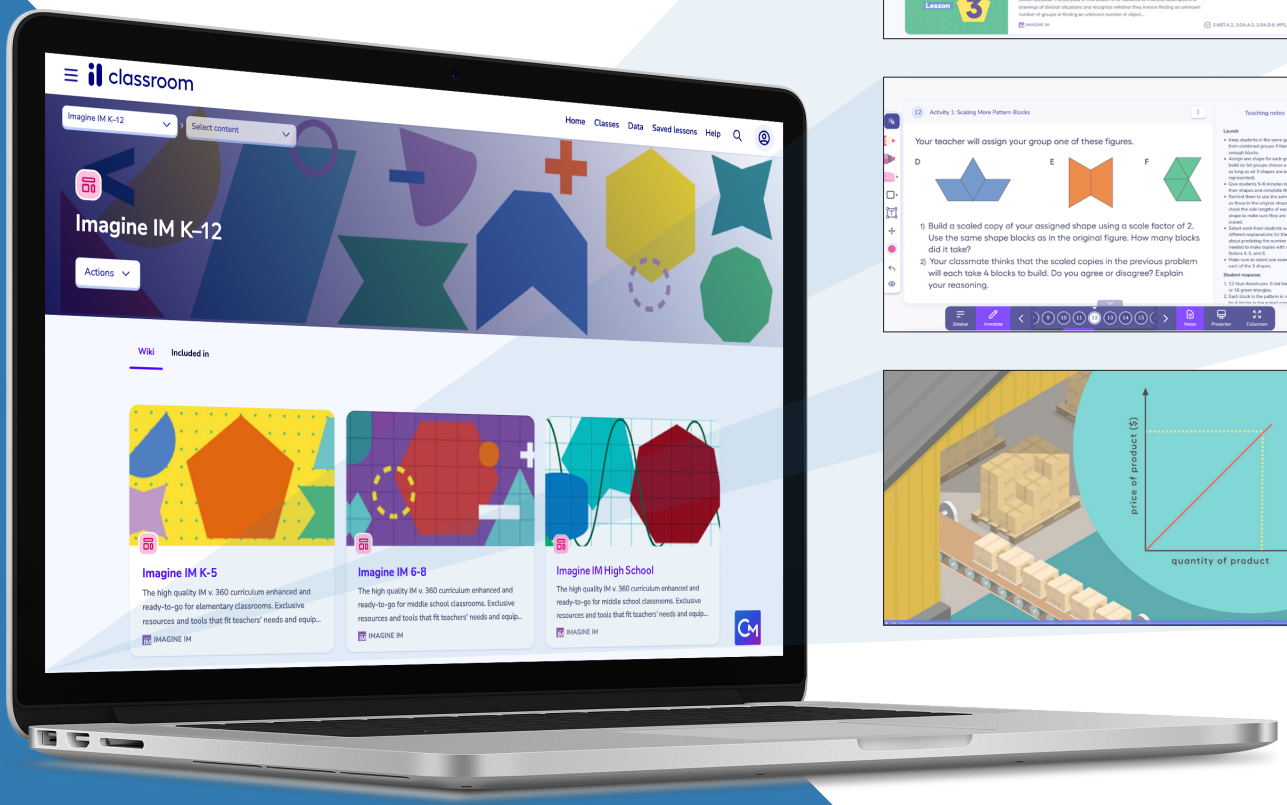
# Digital QuickStart Guide

## Grades K–12



imagine IM®

An IM K–12 Math™ Curriculum

IM v.360

## Welcome to Imagine IM!

Imagine IM, Imagine Learning's IM v.360 program, offers robust digital resources and tools to enhance instruction. The online platform provides teachers with everything they need to facilitate learning and engage students, helping them reach their highest mathematical potential through problem-based learning.

Through this dynamic, engaging instructional experience that leverages the power of high-quality curriculum:

- **Students** enjoy mathematics, make mathematical connections, and develop conceptual understanding.
- **Teachers** orchestrate discussions, synthesize understanding, and facilitate interactive lessons with confidence.
- **Imagine Learning** partners with schools and districts for seamless integration and implementation.


Illustrative Mathematics CERTIFIED®

# Introduction

Imagine IM is the certified Illustrative Mathematics v.360 curriculum optimized for engagement, accessibility, and usability. It offers a dynamic, engaging instructional experience that leverages the power of high-quality curricula. The comprehensive, flexible solution equips teachers with easy-to-use lesson cards and teaching notes, digital interactives and assessments, and built-in differentiation.

The instructional design engages students through collaborative math discourse, inclusive instructional routines, and digital tools that promote thinking and reasoning. Imagine IM supports all students on their college and career readiness journeys — in a variety of classroom environments.

This guide will assist you in reviewing Imagine Learning's comprehensive print and digital solution. The following pages will navigate you through the digital platform, units, sections, the lesson player, assessments, and integrated features for a seamless facilitation of learning.

## Table of Contents



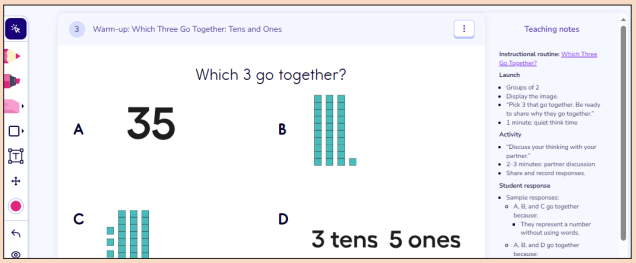
# Highlighted Features

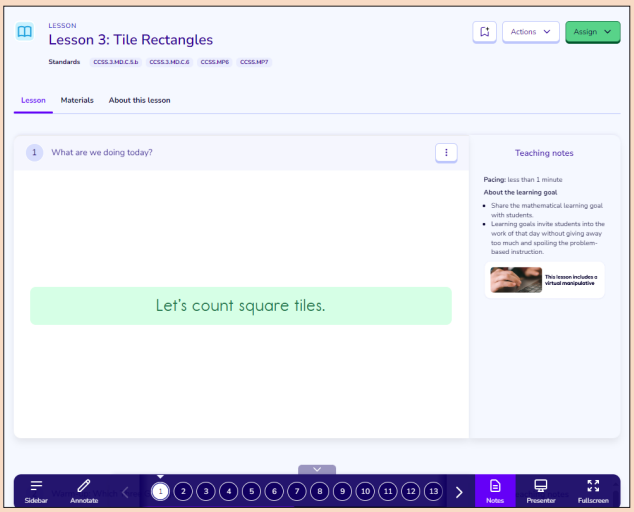
Resources are specially tuned to support teachers in planning and facilitating lessons across the various instructional models, while students make mathematical connections, develop conceptual understanding, and enjoy mathematics. Print versions of Teacher Guides and Student Workbooks mirror digital offerings with QR codes embedded at point of use for seamless implementation. This also ensures that the integrity of the rich problem-based content is maintained in any environment or instructional model.

## The Imagine IM featured digital resources and tools include:

### Planning and Personalization

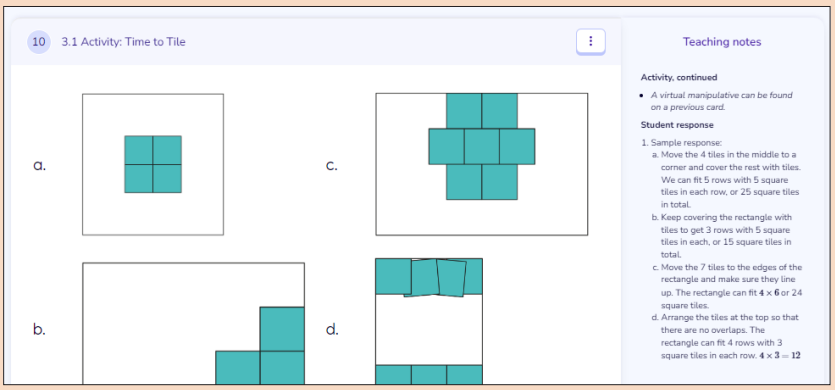
- Teacher annotation tool
- Live Learn
- Customizable lesson player
- Breadcrumbs
- ClassMate AI-powered teaching tools and AI Tutor

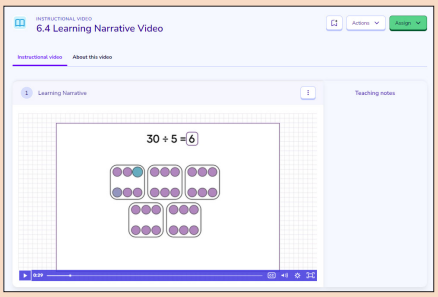


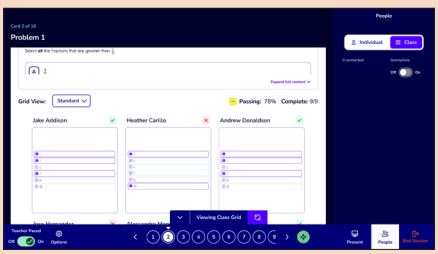




### Embedded Implementation and Lesson Delivery Support

- Teaching notes
- Lesson Narrative videos
- Lesson Example videos
- Embedded curriculum narratives
- LiveLearn with Student Reponse Grid

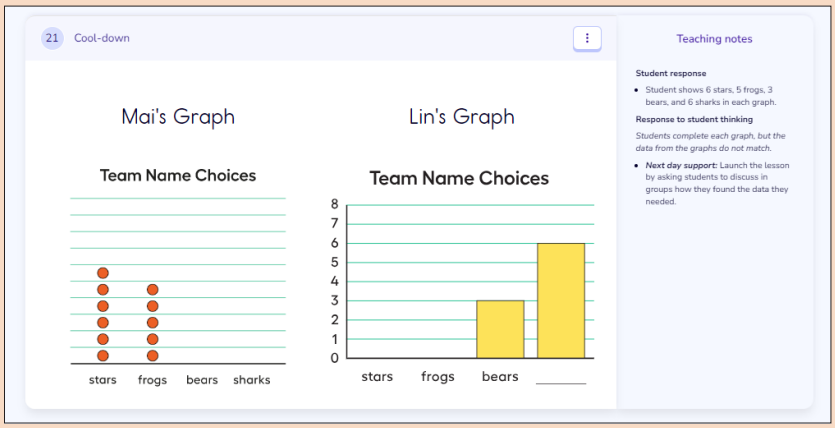


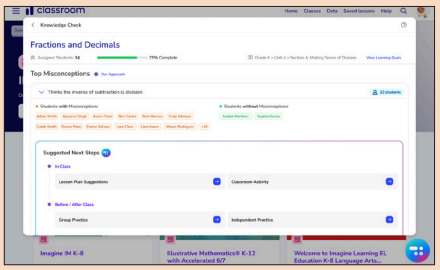



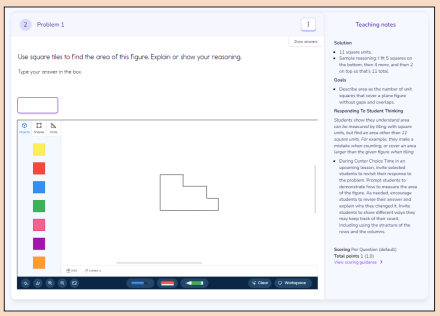



## Formative Assessment Tools

- Digital task statements
- Section checkpoints
- Cool-downs
- Knowledge Checks (Grades 3–8)

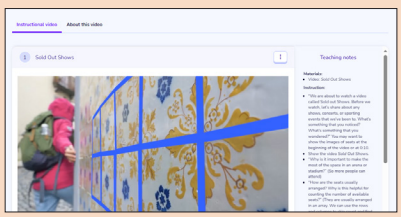


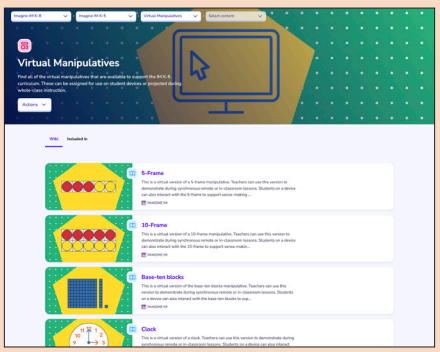



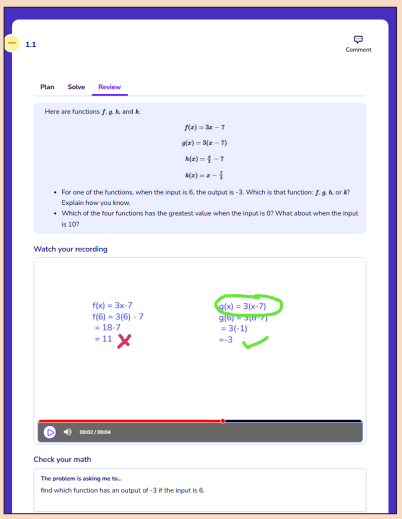




## Student Engagement and Connection

- Instructional routines
- Inspire Math videos
- Virtual manipulatives
- Digital centers
- Family and Caregiver Resource Hub
- CueThink problem-solving tasks (Grades 3+)

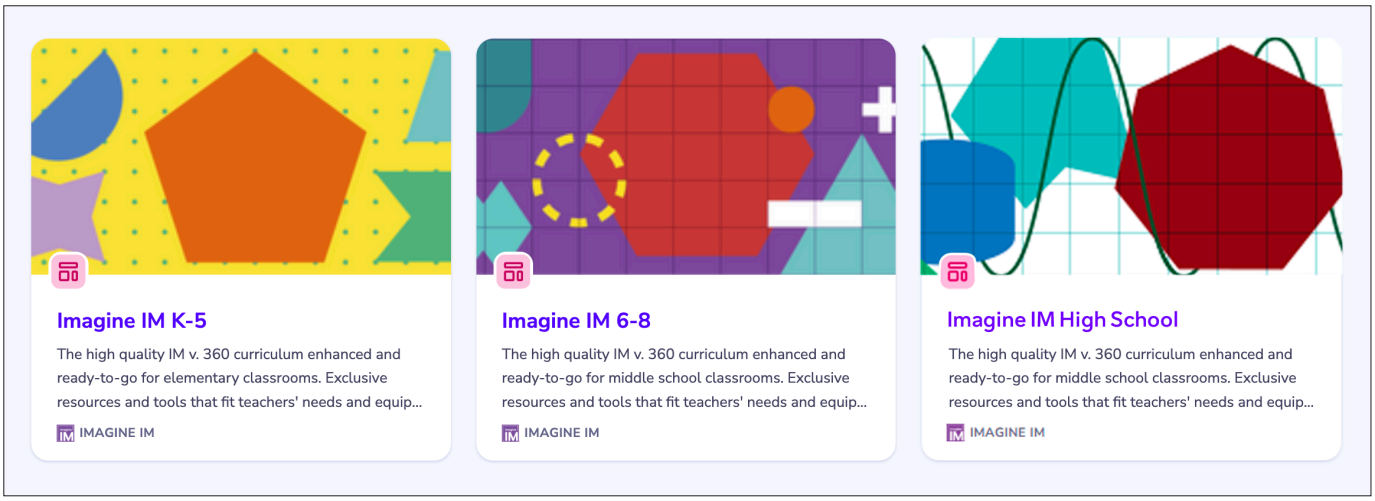


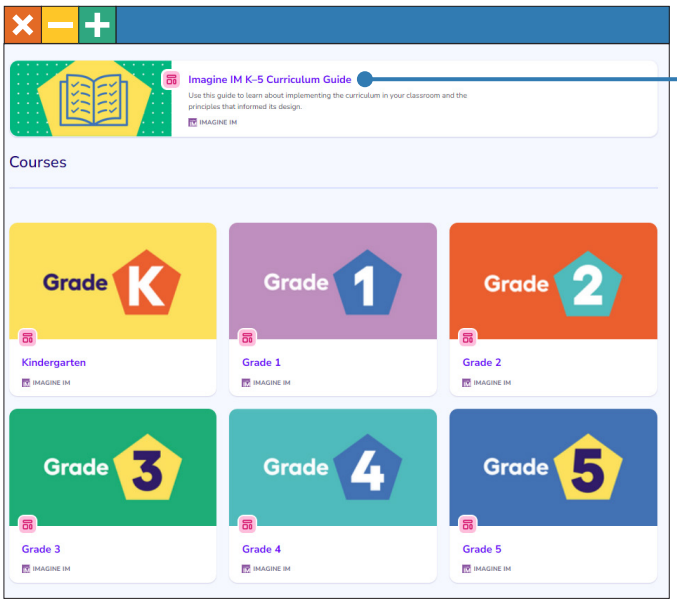
# Navigating within a Grade Level

Once logged into the Imagine IM digital platform, the content is organized into grade-level spans including K–5, 6–8, Accelerated 6 and 7, and high school courses. Select the appropriate grade-level span to navigate through.



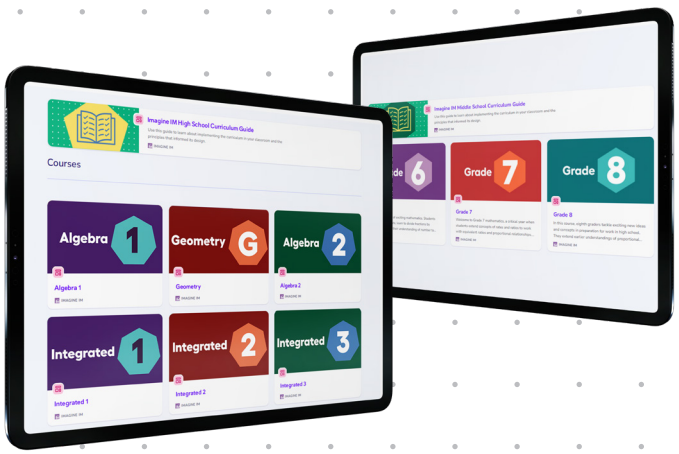

## Navigating the Grade-Level Landing Page

Once you have clicked into the appropriate grade-level span you will see each grade level listed in its own tile. No matter the grade you teach, or if you work to support multiple grades, each grade-level tile in the digital platform is set up the same, providing ease of use and navigation for both teachers and administrators.

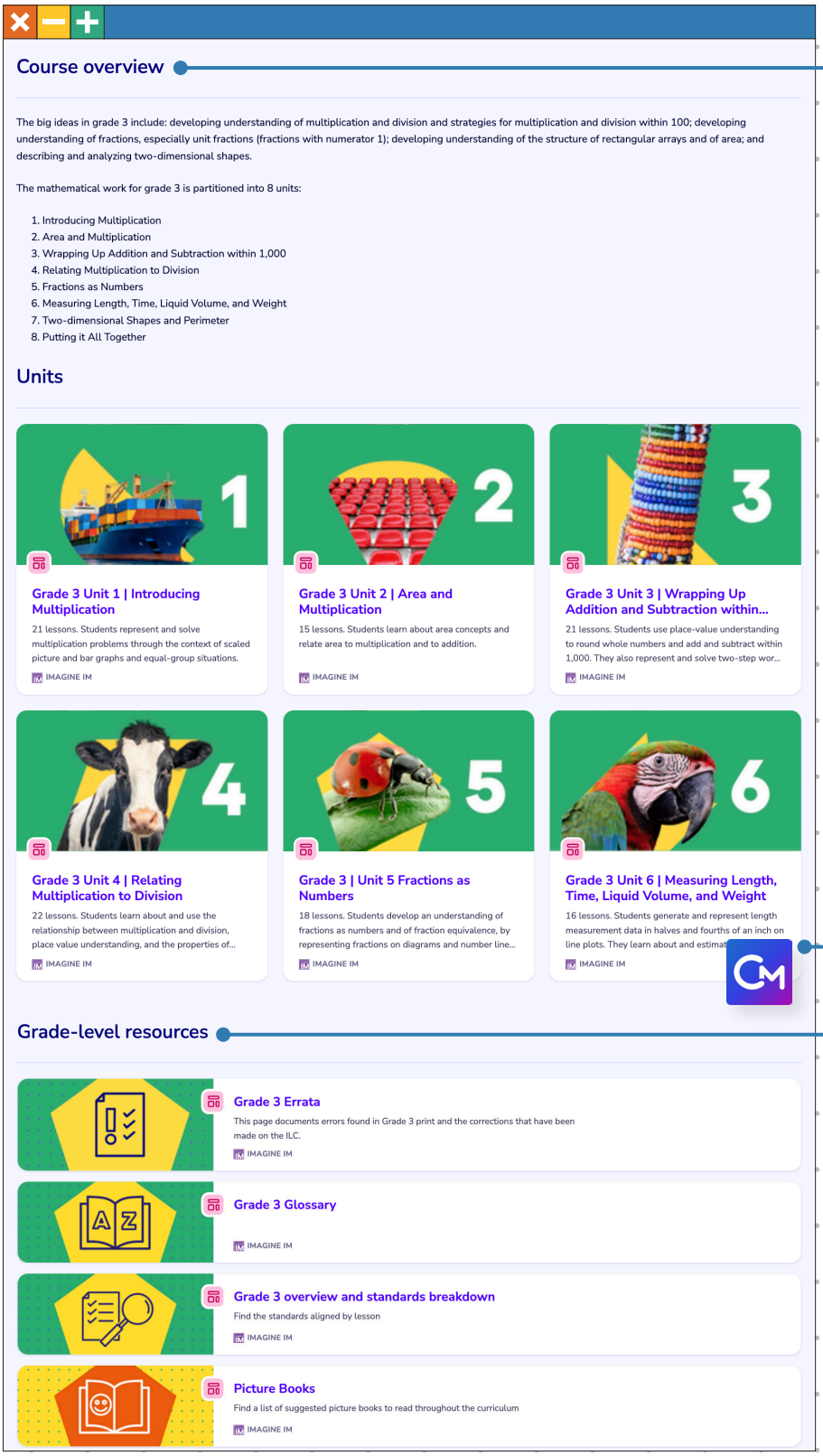



Each grade-level span landing page has a comprehensive **Curriculum Guide** that includes information around the design, setup, high-yield routines, assessments, resources used, and more!

Here you can click the appropriate grade-level tile to access the curriculum.



## Once you are into the relevant grade level, you are ready to explore the program!




Each grade level begins with a **course overview**, outlining the big ideas for that grade and how they are organized across the units.

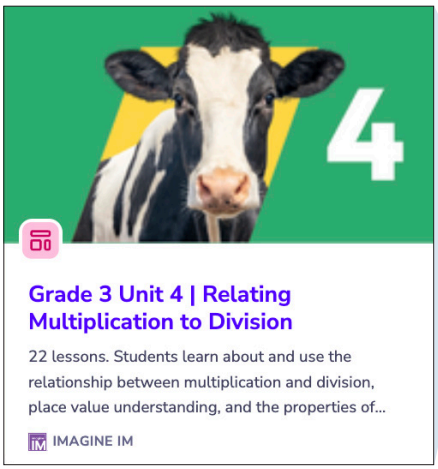
ClassMate's AI-powered tools help teachers plan lessons, create targeted practice, find resources, and communicate with families, all aligned to the Imagine IM curriculum.

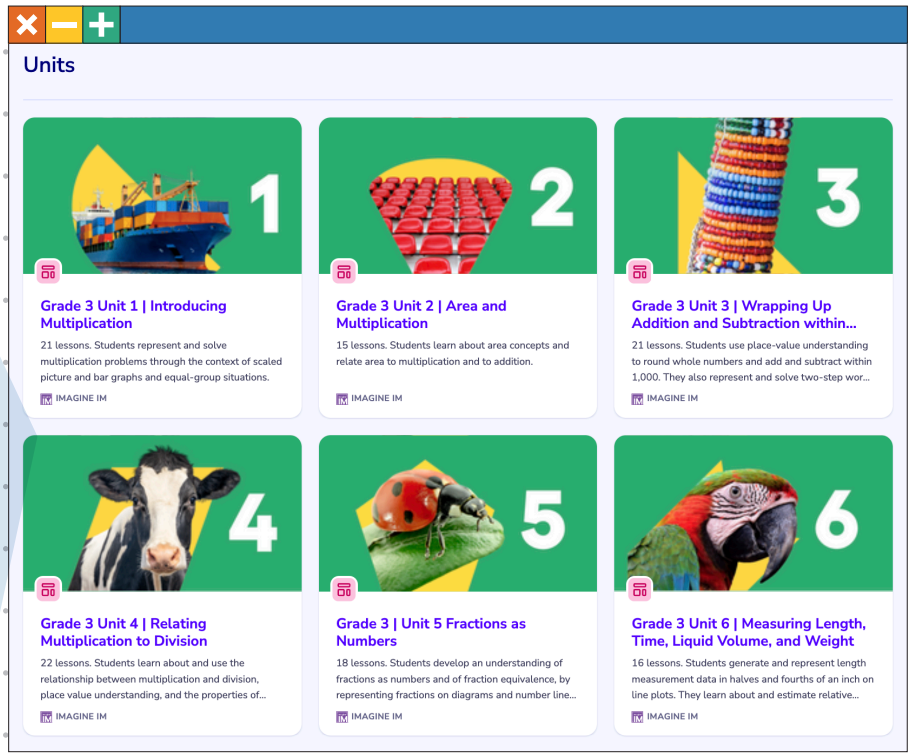
At the bottom of grade-level landing pages, you will find **grade-level resources**. These may include a glossary, the alignment of standards by lesson, a full materials list, and more!

# Navigating within a Unit

Each grade level is broken down into units that are intentionally sequenced to create a meaningful mathematical story and progression.

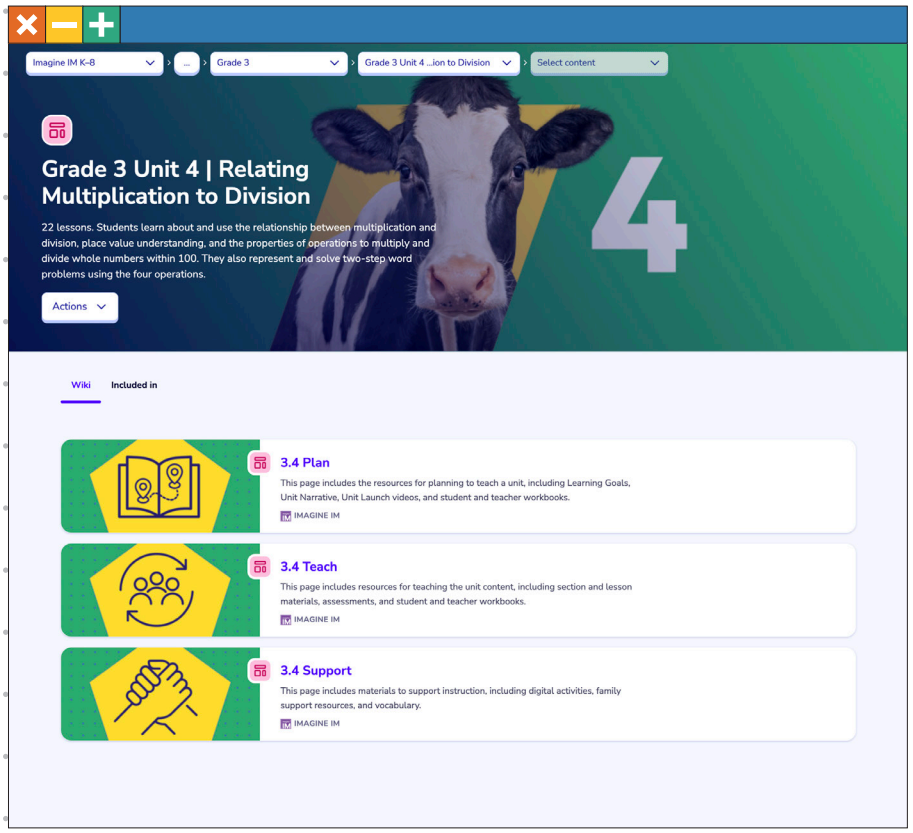
From the grade-level landing page, click on the relevant unit tile.

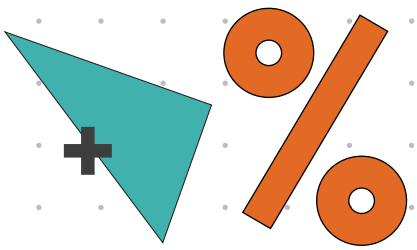


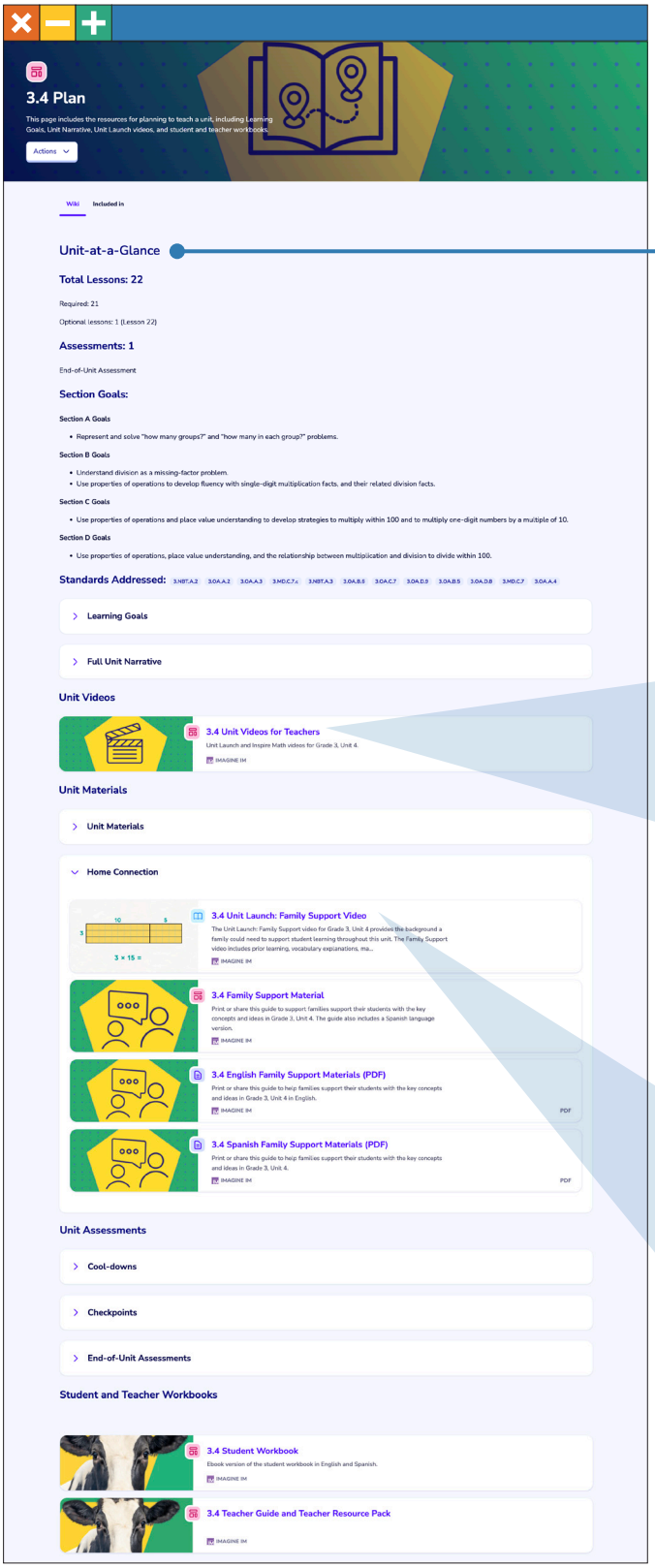

At the top of each unit page, teachers are greeted with the number of lessons and the big idea for that unit.

Each unit page is organized by **Plan**, **Teach**, and **Support** to make it easier for teachers to access what they need in the moment.



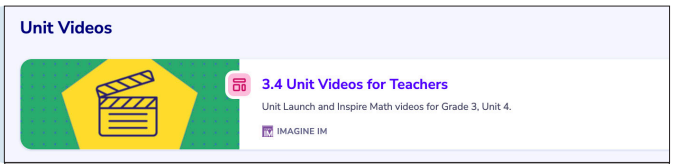



# Plan

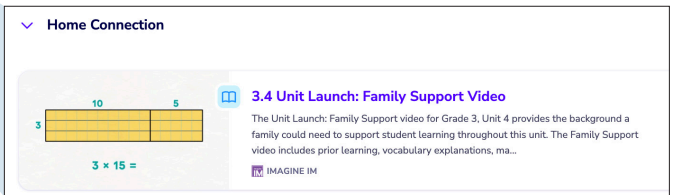



The **Plan** page provides the teacher with the resources needed to effectively plan their instruction throughout a unit.

It includes a **Unit-at-a-Glance** that details the number of lessons and assessments in that unit, as well as goals broken down by section and the standards that are addressed. The total number of lessons are also broken down further by required and optional lessons.



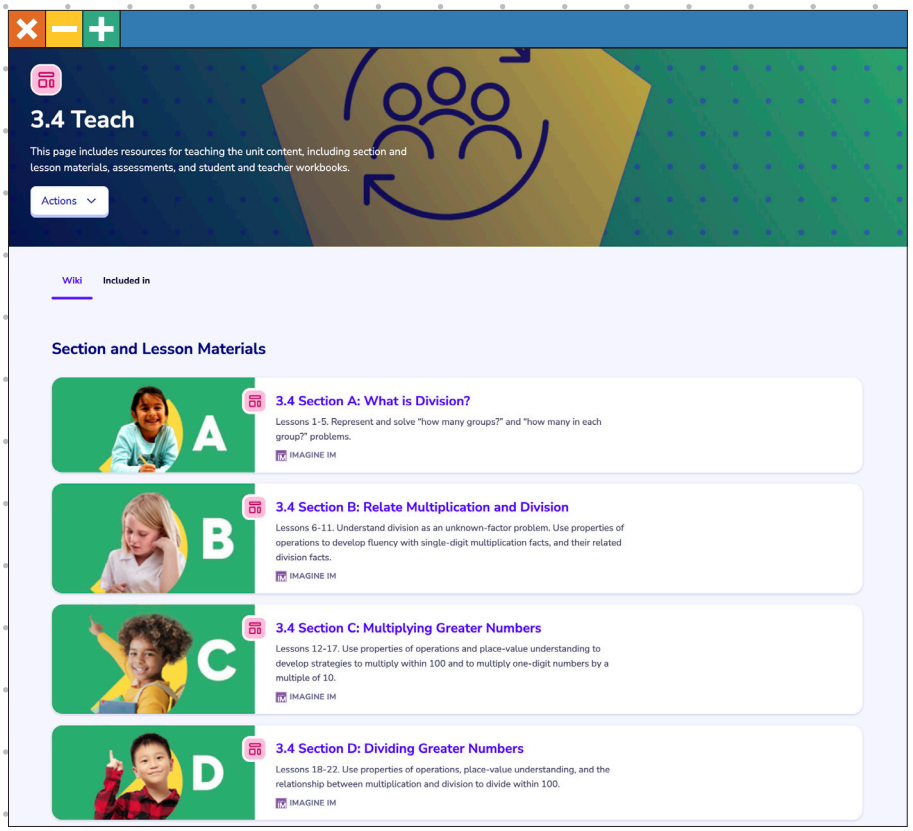

Further down on the **Plan** page are all **Unit Videos** in one convenient location for teachers to access. This includes the **Learning Narrative** and **Inspire Math** videos that teachers will reference throughout their instruction.




The **Home Connection** accordion expands to include all support materials that teachers can provide to families and caregivers to create a home-to-school connection, providing students with the support they will need outside of the classroom.

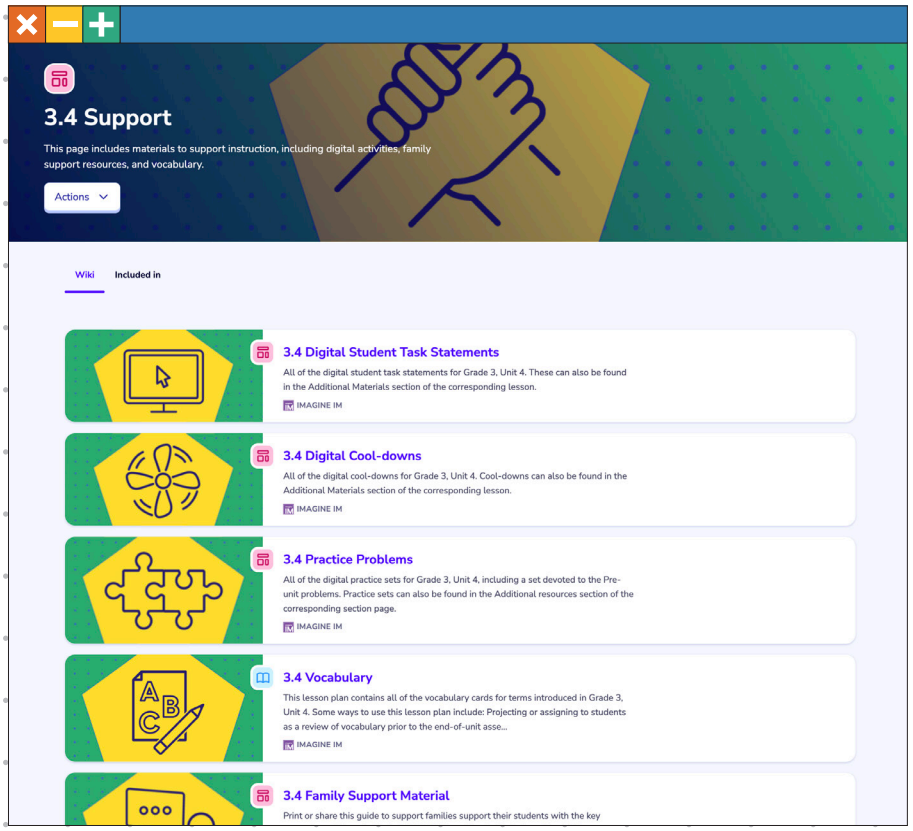
## Teach

The **Teach** section includes all resources necessary for teaching unit content including section and lesson materials, assessments, and **Teacher Guides** and **Student Workbooks**.

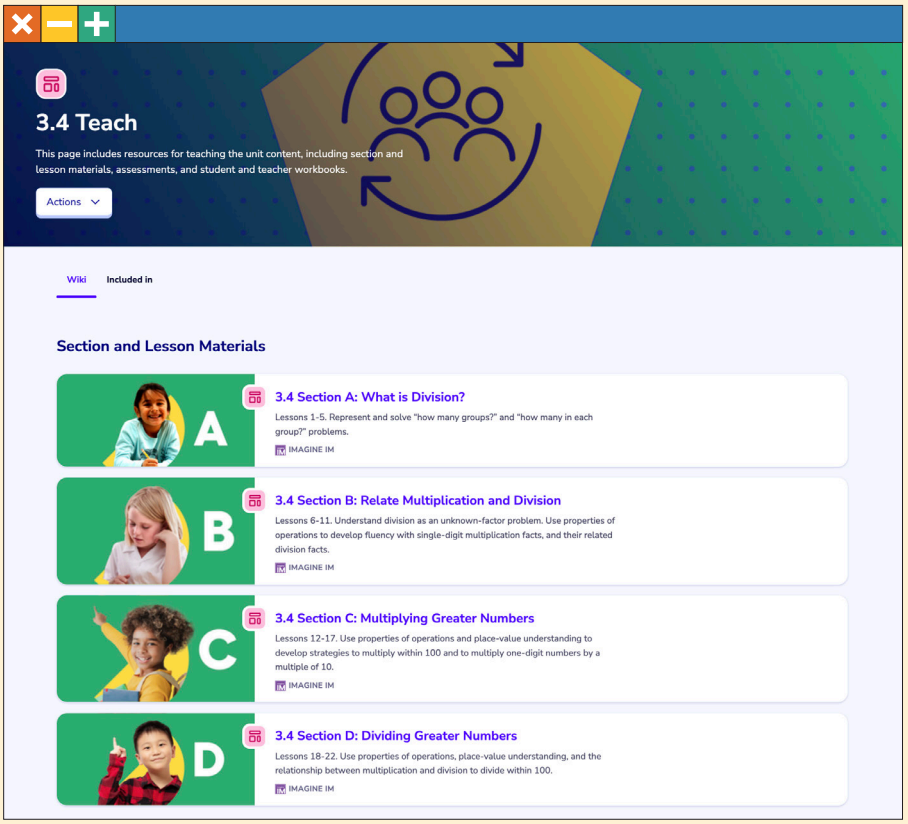



## Support

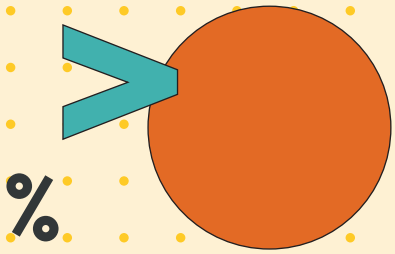
Additional materials to support instruction are included on the **Support** page. Included are digital activities, family support resources, practice problems, and vocabulary support.

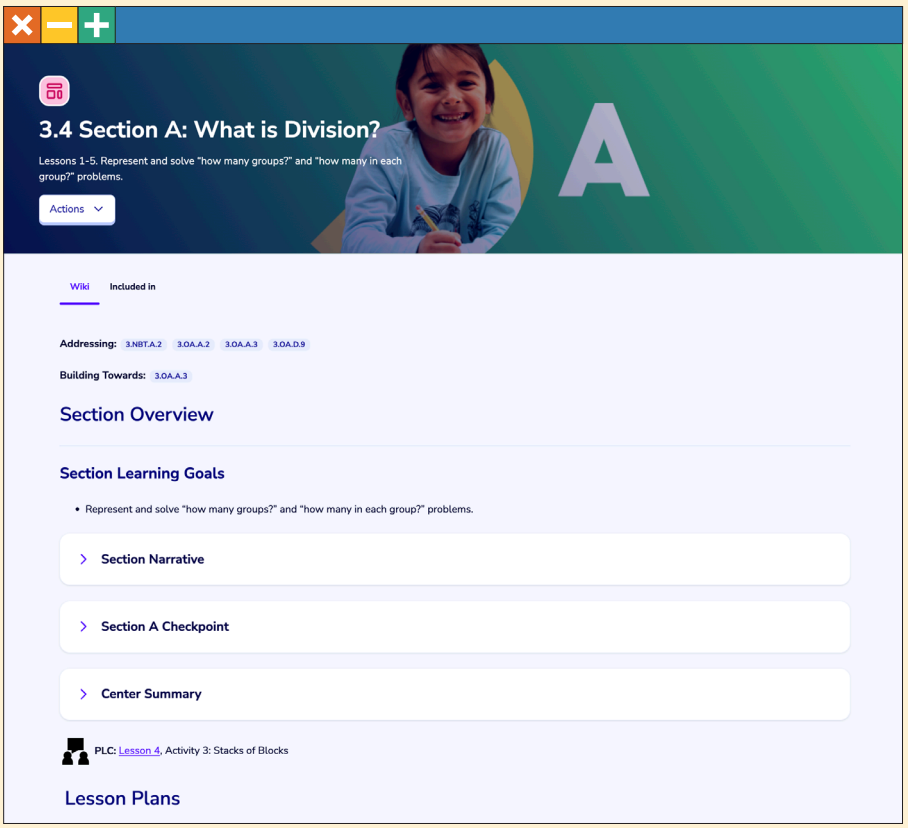


# Navigating within a Section

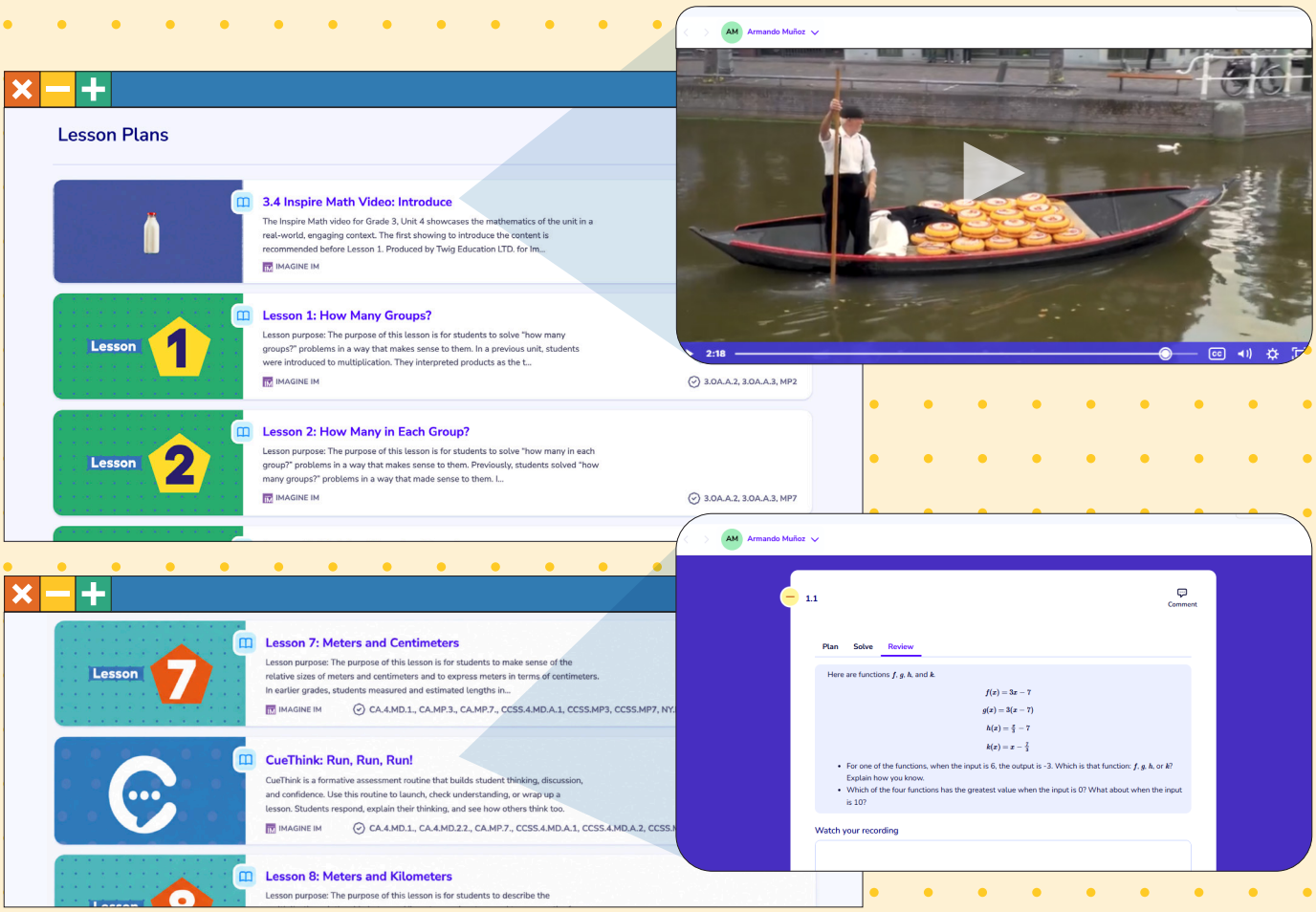



Each **unit** is broken down into **sections** that identify the learning goals of the lessons within it. To access a section, click into the **Teach** tile on any unit and see each section tile listed on the landing page.




Section landing pages give an at-a-glance view of all lessons, their learning goals, and the standards addressed in the lessons.

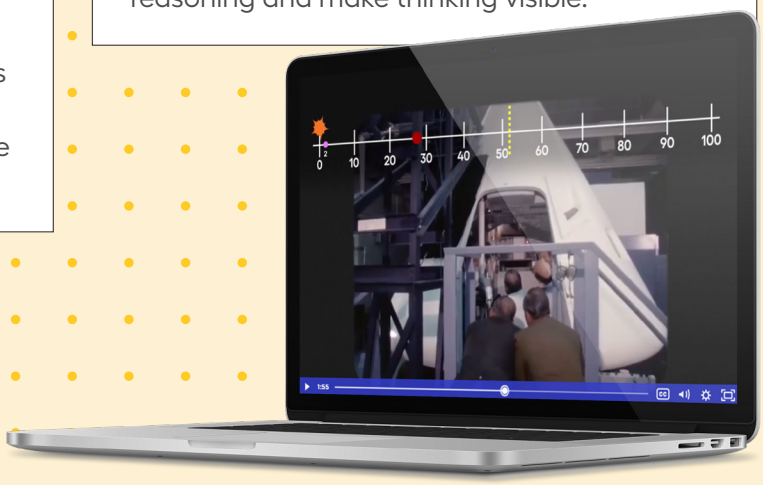


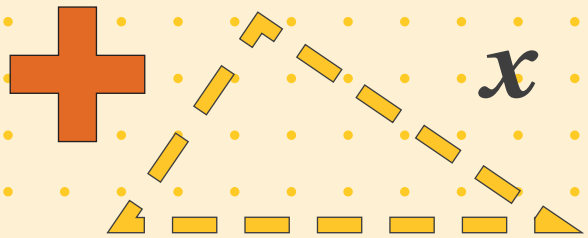

## Inspire Math videos

While scrolling through the lesson sequence on a section landing page, you will come across **Inspire Math videos**. These are student-facing and embedded at the appropriate point within the sequence of lessons to spark student interest and provide real-world context for their learning. The integration and discussion questions in the teacher notes enable teachers to use the videos purposefully and facilitate mathematical discussions centered around the real-world context in the videos.

## CueThink

**CueThink** guides students through a structured Explore–Plan–Solve–Review experience where they use interactive tools, visual models, and written and oral explanation to communicate mathematical reasoning and make thinking visible.



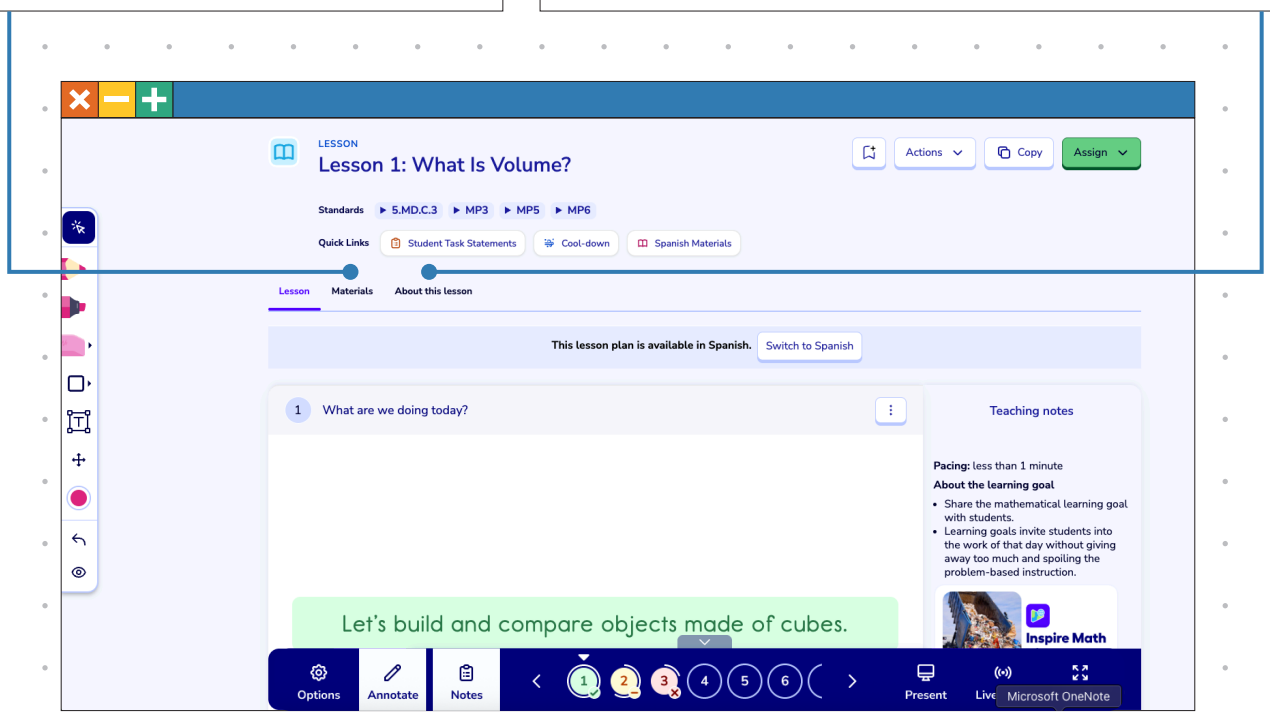
# Navigating within a Lesson

Each lesson is centered around a problem-based learning approach and is part of a mathematical story across units and grade levels. This coherence allows students to view mathematics as a connected set of ideas that make sense. The features of the lesson player in the digital platform support teachers in planning and facilitating these lessons.

## Let's explore how to navigate the lesson player.

Using the **Quick Links**, or by searching within the **Materials** tab in each section, teachers can find student task statements, cool-down materials, centers, instructional routines within the lesson, Spanish materials, as well as the grade-level glossary for reference.

In the **About this lesson** tab, teachers can find the full lesson narrative, view the specific lesson purpose, and find point-of-use professional development with the teacher reflection question. Teachers can also see the appropriate time allotments to be successful in facilitating the lesson, as well as any callouts for multilingual learners or students with diverse abilities support.

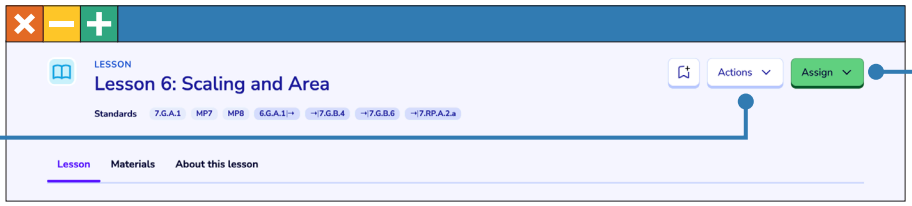



The lesson player includes a fixed **toolbar** at the bottom that provides navigation information and control, showing the currently viewed lesson card, as well as allowing teachers to scroll to specific cards by clicking on their numbers. Vertical scrolling without clicking on the toolbar is also available.

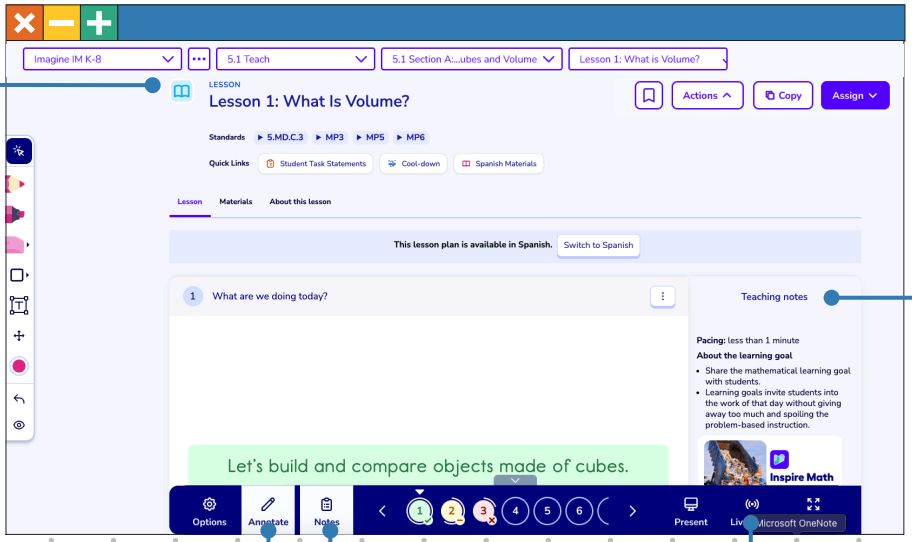
Additionally, the **toolbar** allows teachers to show or hide the teaching notes, enter presenter mode, or display the lesson cards in full screen.

Lesson cards are customizable within the **Actions** drop down menu, allowing teachers to edit, copy, print, and more.

**Assign** allows teachers to schedule or assign lessons to students within the digital platform or start a **Live Learn** to monitor student responses in real time.

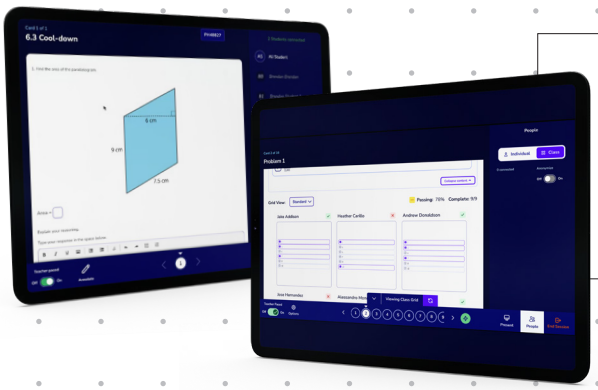



Every lesson card features the teacher annotation tool. This allows teachers to record student thinking directly on their interactive whiteboard, or have students come up to demonstrate their thinking.




The annotation tool is not static and can be popped out using the bottom toolbar.

When toggled on, the teaching notes provide embedded teacher support throughout every step of the lesson, including instructional routines, differentiation support, and more!



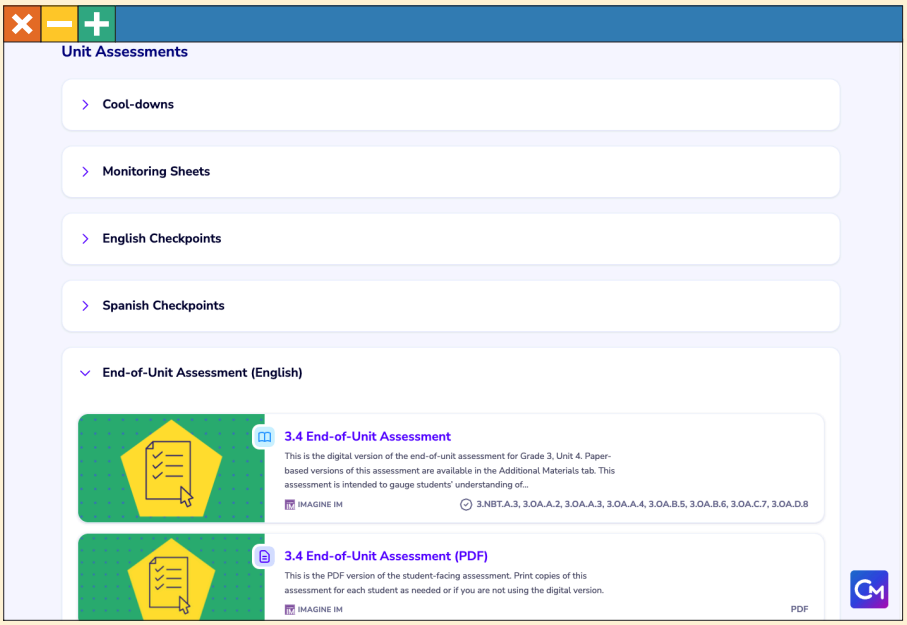

**Live Learn** with Student Response Grid gives teachers a real-time, classwide view of student thinking, making it easier to monitor engagement, identify learning needs, and respond in the moment, all while seamlessly driving instruction and presentations from a second device.

# Assessment

Imagine IM offers both formative and summative assessments to measure student understanding and mastery of learning goals.

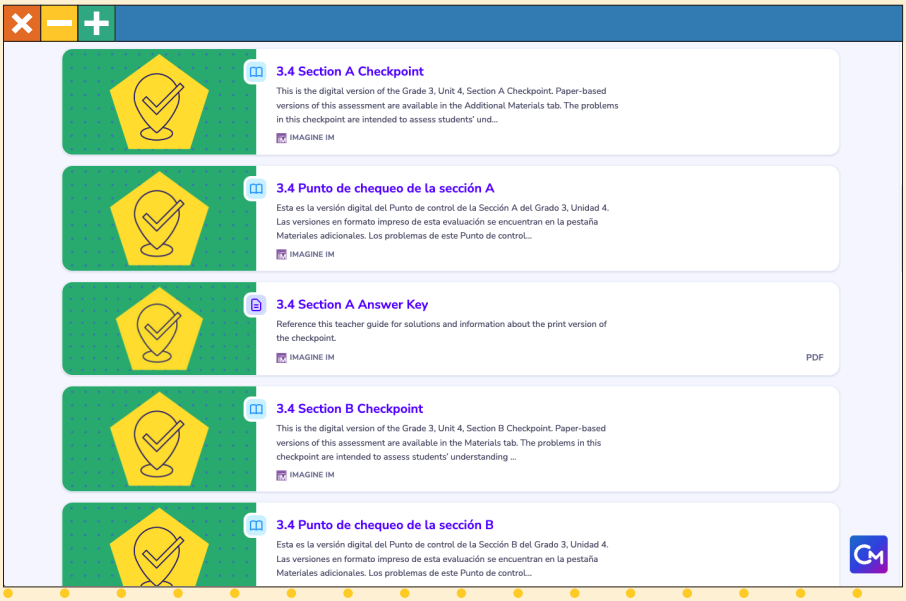
Under the **Unit-at-a-Glance** in the **Plan** section are the **Unit Assessments,** including **checkpoints** and **end-of-unit assessments**.

Assessments are available in print and digital formats with Spanish translations for equity and access in all instructional models.

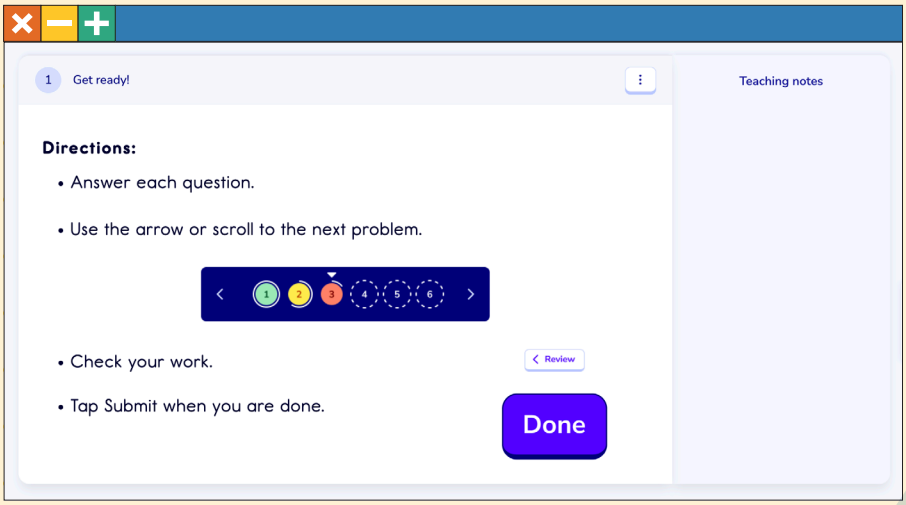


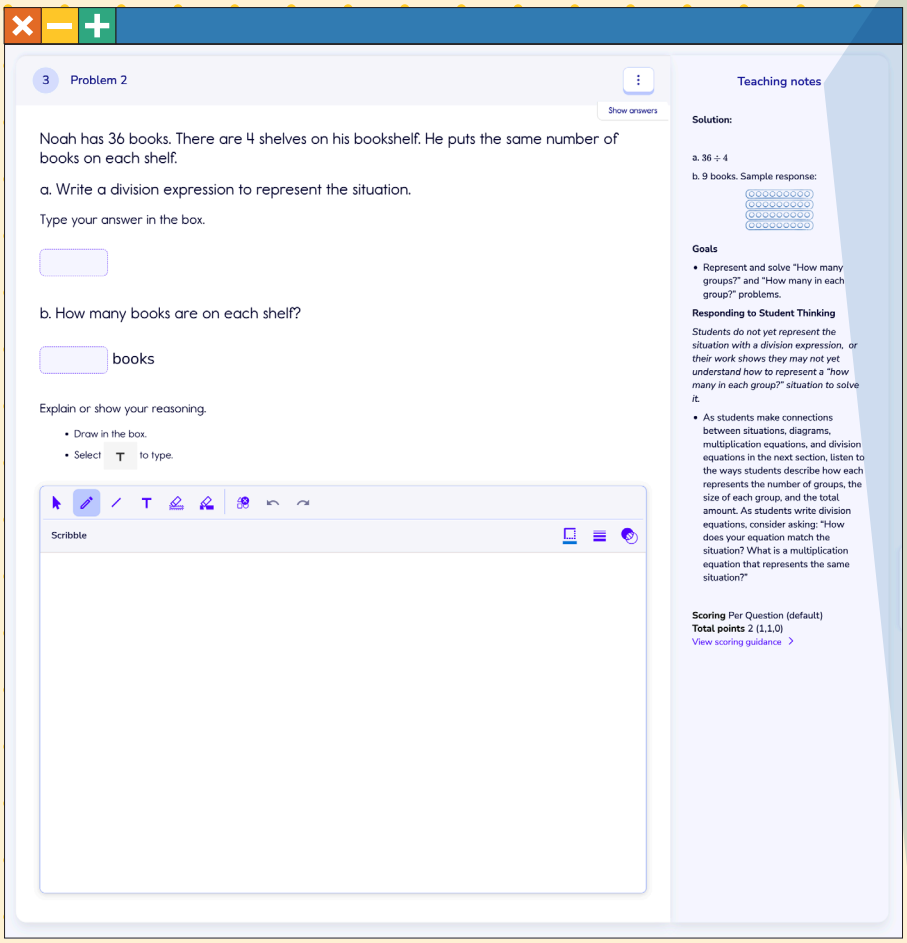

On the **Unit-at-a-Glance** page in the **Plan** section of each unit, all unit assessments are listed. Click on the arrow next to each type to access them.

**Knowledge Checks** (Grades 3–8), found in ClassMate, are short, adaptive assessments that surface misconceptions before instruction, helping teachers understand why students may struggle and respond with targeted support.




Checkpoints and end-of-unit assessments are also available on the **Teach** section for easy access.




Within **section checkpoints, teaching notes** provide the solution, scoring guidance, and suggested follow-up activities for students who may need additional support.

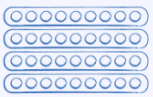
**Checkpoints** are intended to assess students' understanding of section learning goals. They can be used to check understanding before the end of unit assessments and are available in both paper and digital formats.

## Teaching notes

**Solution:**

a. $36 \div 4$

b. 9 books. Sample response:



**Goals**

- Represent and solve "How many groups?" and "How many in each group?" problems.

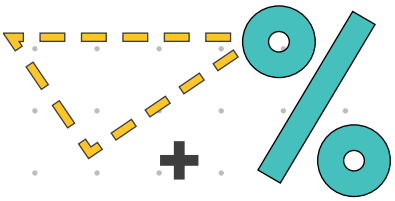
**Responding to Student Thinking**

*Students do not yet represent the situation with a division expression, or their work shows they may not yet understand how to represent a "how many in each group?" situation to solve it.*

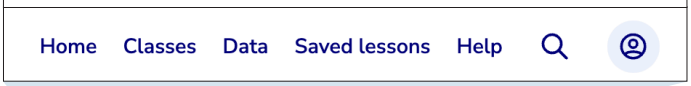
- As students make connections between situations, diagrams, multiplication equations, and division equations in the next section, listen to the ways students describe how each represents the number of groups, the size of each group, and the total amount. As students write division equations, consider asking: "How does your equation match the situation? What is a multiplication equation that represents the same situation?"

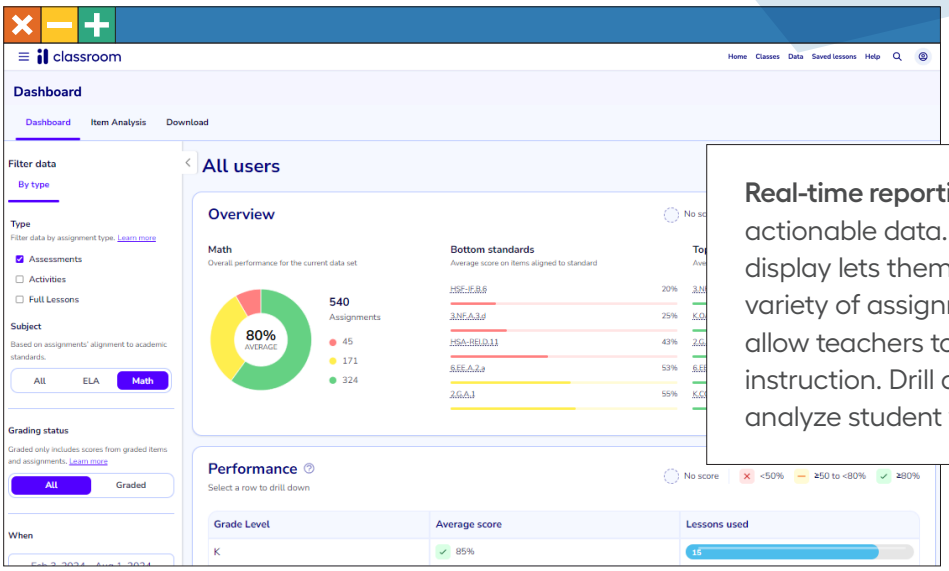
**Scoring** Per Question (default)
**Total points** 2 (1,1,0)
View scoring guidance ›

# Data and Reporting

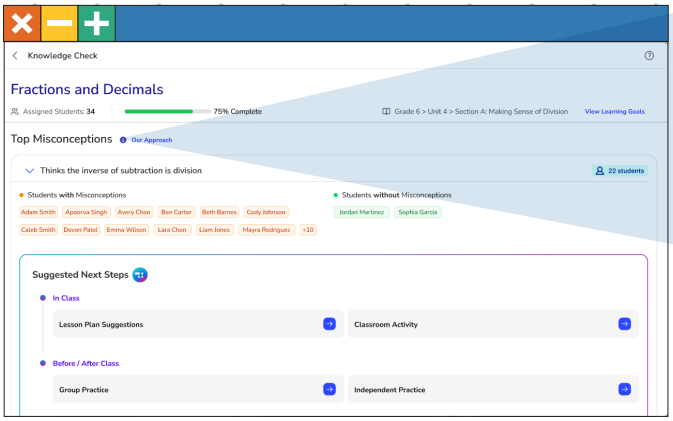


To access the data dashboard, simply click on the **Data** tab from anywhere in the digital platform.

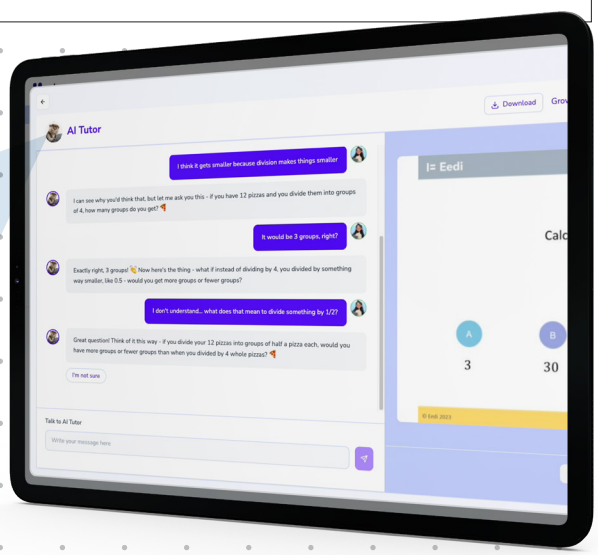



**Real-time reporting** gives teachers access to actionable data. The data dashboard and display lets them track student progress. A variety of assignments and assessment reports allow teachers to analyze data that informs instruction. Drill downs enable teachers to analyze student work for open-ended items.



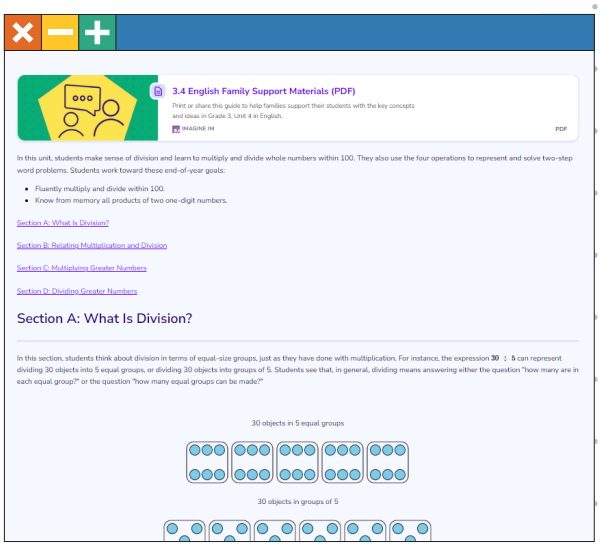

**Knowledge Checks Misconception Report** (Grades 3–8) help teachers identify patterns in student thinking and drive next steps through targeted grouping, instructional recommendations, and AI-supported practice.




**ClassMate AI Tutor** (Grades 3–8) provides students with on-demand support connected to the identified misconceptions from the Knowledge Check, helping them build understanding and confidence through guided **practice and feedback.**

# Additional Digital Resources

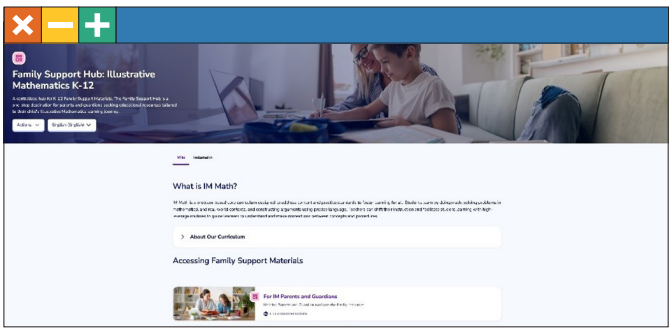
## Home Connections for K–12



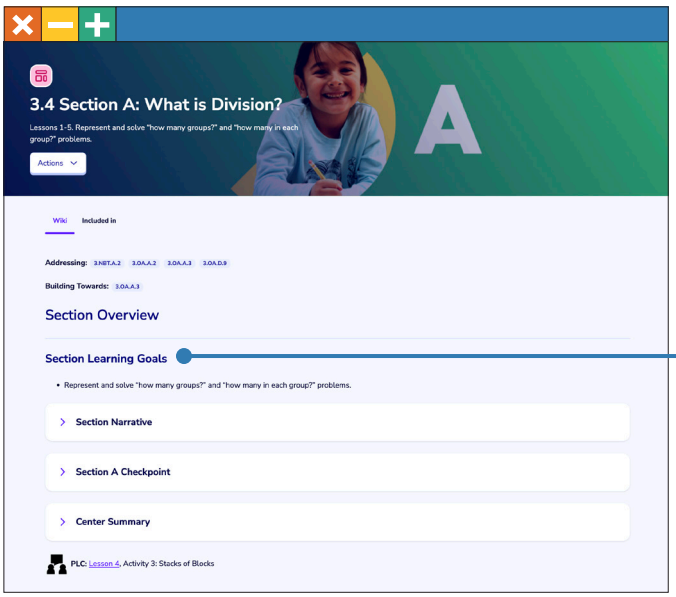

Each unit contains **Family Support Materials** to foster home-to-school connections and provide parents with the tools they need to support learning at home. To access these materials, go to the **Support** section of any unit and scroll down to the **Family Support Material** tile.

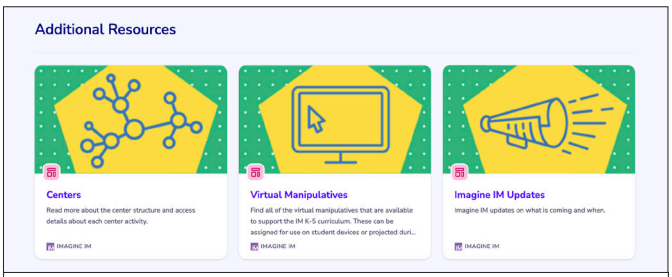
The materials available in grades K–5 also include **Family Support videos** to provide the background a family may need to help their child, as well as access to key concepts and ideas in both English and Spanish. Access these videos by clicking into the **Plan** tile and opening the unit videos for that unit.

Our new **Family and Caregiver Resource Hub** strengthens the vital connection between home and school, with tools and resources to actively support children's learning. It fosters an enriching experience for both students and caregivers, establishing meaningful connections that enhance educational outcomes.



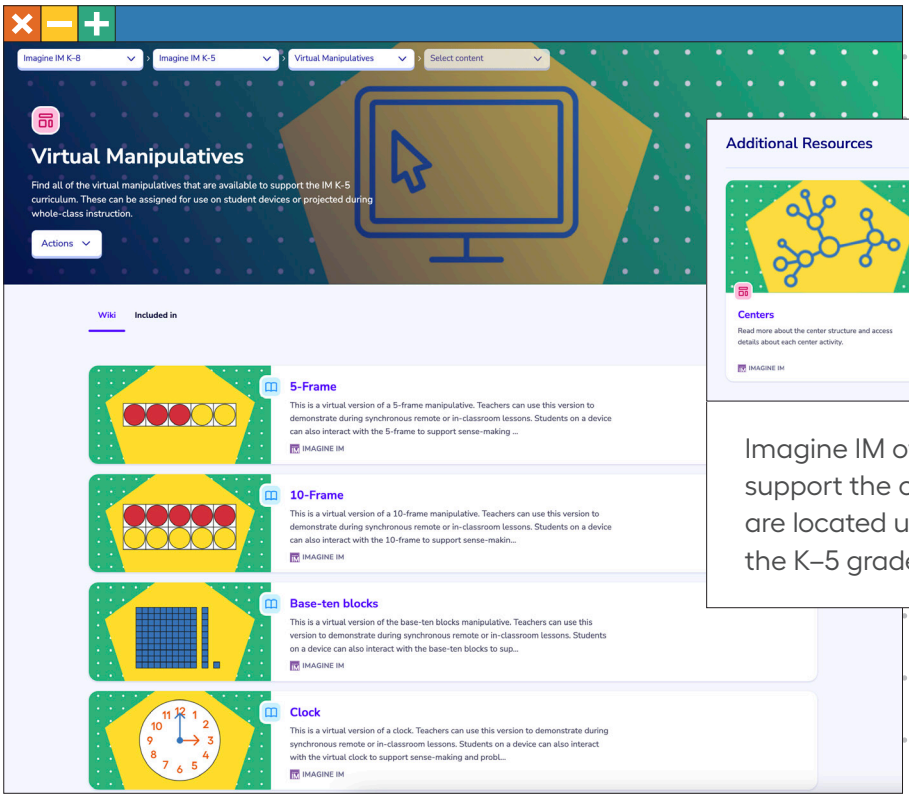

## K–5 Centers

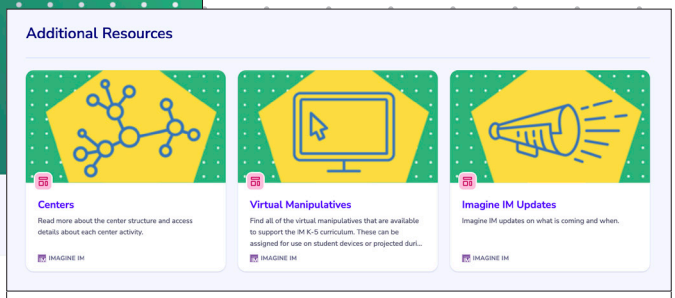



In the **Section Overview** of each unit in K–5, under **Section Learning Goals**, you can find the centers activities for that section. Included with the centers are blackline masters so the materials can easily be printed or downloaded. The laptop image next to a center indicates it includes a digital version.

## Virtual Manipulatives K–5

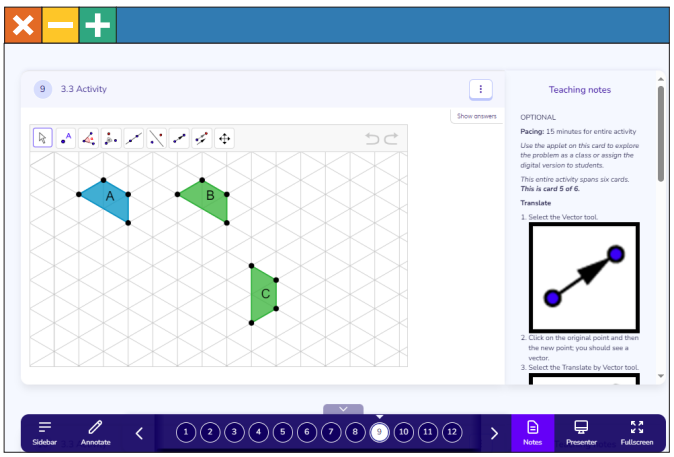


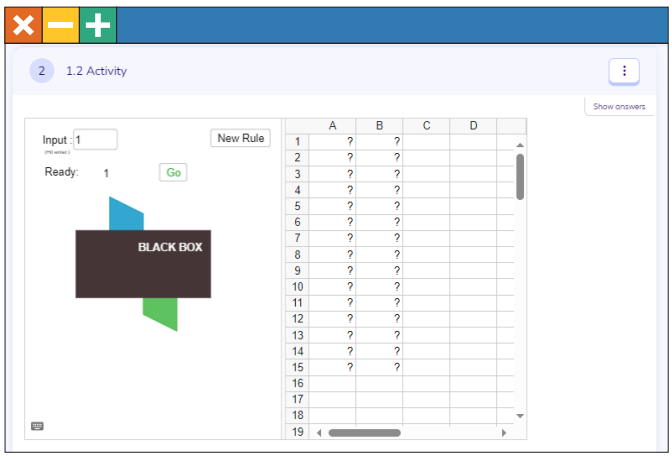




Imagine IM offers **virtual manipulatives** to support the curriculum in grades K–5. These are located under **Additional Resources** on the K–5 grade-level landing page.

## Digital Tools 6–12

Imagine IM empowers students to become fluent users of digital tools that produce representations, solve problems, and communicate their reasoning. The digital platform embeds Desmos, and other interactive tools at the point of use to amplify understanding and engagement.



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