Math

Grades TK–12

Core Curriculum

imagine IM® CALIFORNIA

Imagine IM California Program Preview

TK–12 Math Designed for CA Schools and Districts

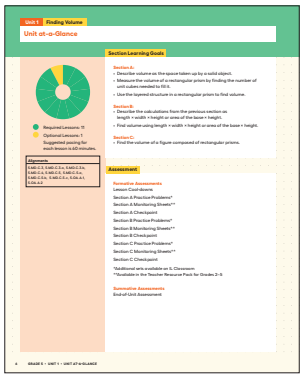
The highest-quality IM® v.360 curriculum, fully aligned to the California Mathematics Framework

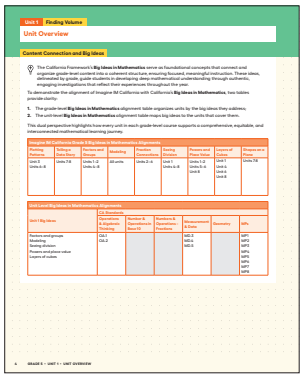
Imagine IM California

Designed for California Schools and Districts

As the first and longest-standing premium Illustrative Mathematics partner, Imagine Learning has engaged with math leaders and educators across the state to inform the development of the **Imagine IM California** TK–12 solution.

California Common Core State Standards and Standards for Mathematical Practice





Imagine IM California was configured to support educators in building proficiency with the California Common Core State Standards for Mathematics (CA CCSSM) and the Standards for Mathematical Practice (MPs).

CA CCSSM and MP alignments are identified in both the teacher print and the digital platform at unit, section, and lesson levels.

The teacher and student resources reinforce the Big Ideas and principles laid out in the Mathematics Framework with a focus on engagement, accessibility, and usability. This includes:

- Complete adherence to the approved 2023 Mathematics Framework for California Public Schools
- Full TK–12 alignment with the CA CCSSM and the MPs
- A robust pedagogy that exemplifies the instructional shifts of focus, coherence, and rigor

Problem-Based Learning

The instructional design of the materials supports all learners through a coherent progression of mathematics based on content standards, mathematical practices, and research-based learning trajectories. This model embraces a multidimensional approach that is framed by interweaving the why, how, and what of mathematics. Each activity and lesson 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 together.

	Invitation to the mathematics	Deep study of concepts and procedures	Consolidating and applying
Unit Level	Introductory lesson	Instructional lessons	Culminating lesson
Lesson Level	Warm-up	Classroom activities	Synthesis and cool-down
Activity Level	Launch	Work time	Synthesis

Big Ideas and Content Connections

Imagine IM California follows an instructional model that is centered around authentic, open-ended tasks that investigate and connect the Big Ideas in mathematics. Cohesive and well-articulated content progressions and instructional routines anchor the focus in each unit. The teacher print and digital resources identify where the instruction addresses or supports Big Ideas and Content Connections at the unit level.

Active and Inclusive Math Community

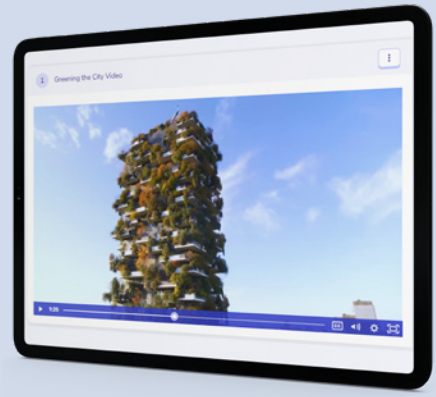
Imagine IM California's lesson design invites all students to participate, collaborate, ask questions, and build confidence as mathematical thinkers and doers. Students actively engage in reasoning and making sense of mathematics, developing deep understanding and critical habits of mind that prepare them for this changing world.

Commitment to Equity and Access

- Imagine IM's lesson design uses principles of Universal Design for Learning (UDL) both to make activities accessible to all students and to inform the specifics of the supports for students with diverse abilities
- High-quality math instruction designed to meet the needs of every student, ensuring equitable opportunities for success
- Tailored supports for multilingual learners, students with diverse abilities, and advanced learners foster an inclusive learning environment
- Inclusive and culturally relevant instruction, with content that reflects and respects the diversity in every classroom

Environmental Principles and Concepts (EP&Cs)

Imagine IM California supports environmental literacy by helping students to understand and apply the EP&Cs across academic disciplines and in the real world. The activities and Inspire Math videos have been designed with these in mind and include EP&C correlations in the Teacher Guides for each unit.



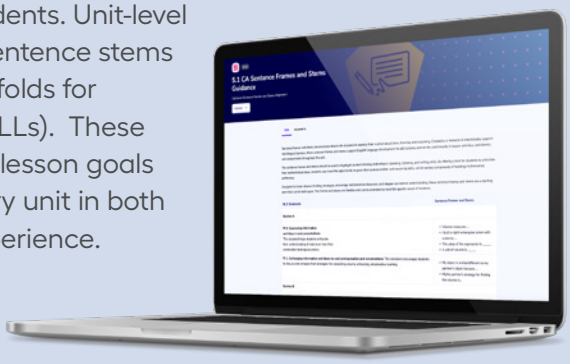

Unit 1 Finding Volume

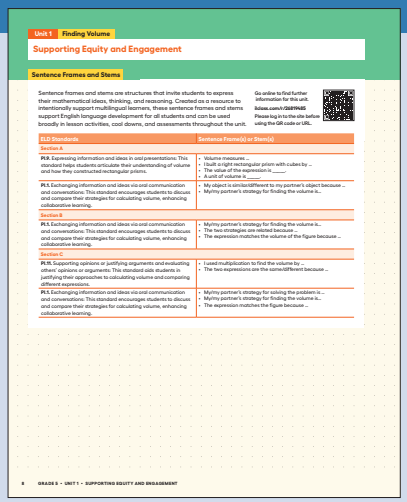
Unit Overview

Environmental Principles & Concepts Alignment

English Language Development (ELD)

The problem-based instructional design and embedded structures in **Imagine IM California** support English language development for all students. Unit-level sentence frames and sentence stems provide intentional scaffolds for multilingual learners (MLLs). These supports are aligned to lesson goals and vocabulary for every unit in both the print and digital experience.



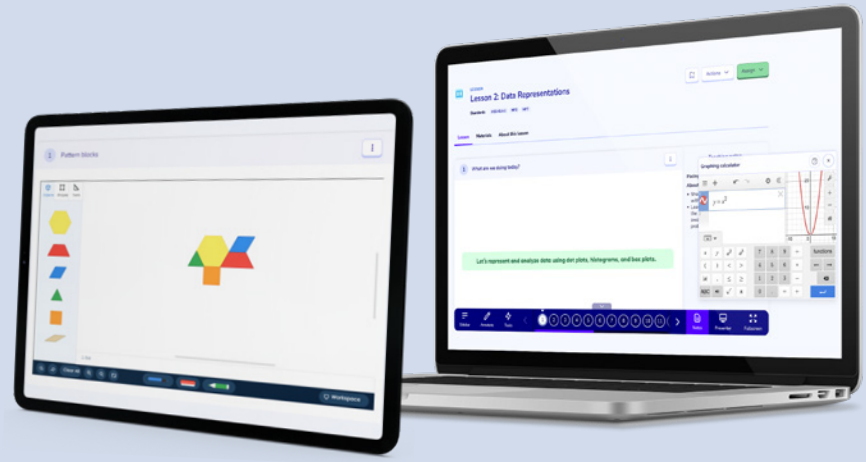

Unit 1 Finding Volume

Supporting Equity and Engagement

Sentence Frames and Stems

Data Science

Imagine IM California offers interactive tools for data literacy and support for thematic data science topics. The embedded instructional routines foster productive discourse around data. Each unit incorporates real-world data, and the digital platform offers tools including virtual manipulatives and interactives for data analysis and simulation.



Program Components

Imagine IM offers a full suite of print, digital, and hands-on components that are ready to go and designed to meet the needs of CA educators and students.

Teacher Components

Print

Teacher Course Guide
Includes grade-level curriculum information about the instructional design, guiding principles, meeting the needs of all learners, and assessment. This component highlights pacing and coherence across the year.

Teacher Guides
Includes full lessons with teaching support and student page reduxes. Provides QR codes to digital resources at point of use in each unit, section, and lesson.

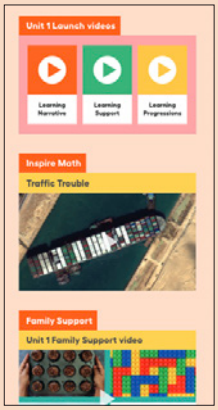
Teacher Resource Packs (Grades TK–5)
Includes family support materials, blackline masters, assessments (including cool-downs), center materials.

Digital

Online Platform
The Imagine IM digital experience offers tools to enhance instruction and incorporate blended learning. These embedded features improve usability:

- **For planning and instruction:** Unit Launch videos, assignable digital lessons and assessments, embedded teaching notes, unit planning maps, and more!
- **For lesson delivery:** a lesson player with editable lesson cards, Live Learn, and the annotation tool
- **For home connections:** family letters and Family Support videos
- **Data and reporting:** data dashboard, performance and item analysis reports, and monitoring sheets
- **Student engagement:** digital centers (K–5), virtual manipulatives, digital tasks and practice problems, and more!

Print and Digital Connections



Student and Teacher Spanish Resources are available.

Student Components

Print

Student Workbooks
Consumable full-color Student Workbooks available in both English and Spanish

Include full lessons with learning goals, warm-ups, activities, and practice problems, with space for student thinking and work.

Provides QR codes to digital family resources at point of use.

Digital

Online Platform
The **Imagine IM California** digital student experience includes access to Student Workbook content, interactive lessons, videos, virtual manipulatives, digital centers, digital task statements, digital practice sets, digital cool-downs, digital assessments, and more!

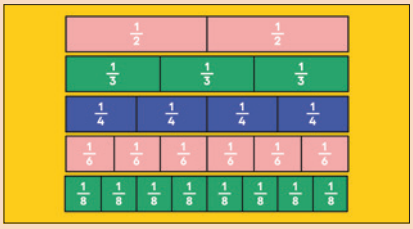
*TK components may be different based on developmental needs.

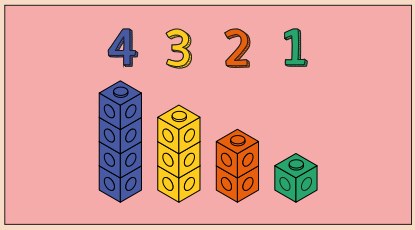
Digital Experience

Digital centers

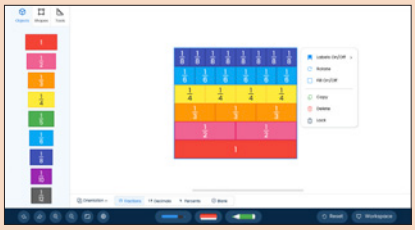

Inspire Math videos


Family Support videos

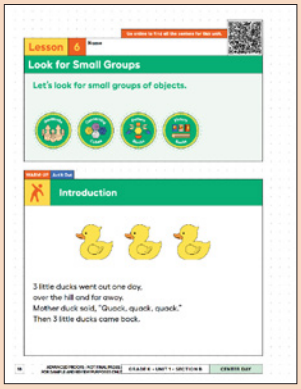

Learning Progression videos

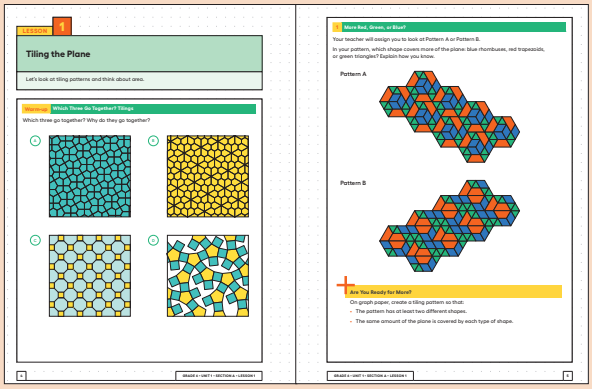


Learning Narrative videos


Virtual manipulatives

Print Experience





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