Core Curriculum | **Grades** K–12

# Problem-Based Mathematics Built for Real Classrooms

In an Imagine IM® classroom, students learn mathematics by doing mathematics. They work together to solve challenging problems, explain their thinking, and engage in meaningful mathematical discussions. Teachers facilitate learning by making student thinking visible, guiding productive discourse, and helping students build deep conceptual understanding.

## Students

- Collaborate in mathematical discussions
- Solve problems together
- Explain reasoning through writing and discourse
- Engage in structured mathematical thinking

## Teachers

- Facilitate discussion and collaboration
- Monitor understanding and misconceptions
- Guide differentiation and feedback
- Support mathematical reasoning

## Digital Support

Digital tools are optional and used purposefully to support instruction. They can help teachers:

- Gain visibility into student thinking
- Plan instruction
- Differentiate support
- Facilitate classroom discussion

## How Learning Happens

**Discussion + Problem Solving + Written Reasoning + Digital Visibility**
Imagine IM is built around collaborative problem solving and mathematical discourse. Print and digital resources work together to support reasoning, communication, and teacher-led instruction, while keeping mathematical thinking at the center of the learning experience.

## Flexible Classroom Implementation

Imagine IM is designed to fit a variety of instructional models and district expectations. Whether classrooms are primarily print-based, use a balanced mix of print and digital resources, or incorporate devices selectively, teachers maintain control over how instruction is delivered.

Supported implementations include:

- Whole-group instruction
- Small-group collaboration
- Print-forward classrooms
- Balanced print + digital models
- District-aligned device expectations

**The curriculum can be implemented with or without regular student device use.**

## Why Districts Choose Imagine IM

Districts choose Imagine IM because it combines rigorous mathematics instruction with the flexibility to support different classroom environments and implementation models.

- Teacher-led instructional model
- Problem-based mathematics learning
- Collaborative mathematical discourse
- Visibility into student thinking
- Flexible implementation options
- Rigorous K–12 mathematics progression
- Evidence of strong outcomes

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