Imagine Learning Illustrative Mathematics Grades K-5 (Formerly LearnZillion)

Development of Materials
The Imagine Learning Illustrative Mathematics (IM) K-5 Version 1 materials reflect three key design principles that support and engage all students in today's diverse mathematics classrooms. The design principles and related supports work together to make each activity in each lesson accessible to all students.

Principle 1: Access for All
This foundational design principle draws from the Universal Design for Learning (UDL) framework. It shapes the instructional goals, recommended practices, lesson plans, and assessments to support a flexible approach to instruction, ensuring all students have an equitable opportunity to learn. For more information about Universal Design for Learning, visit http://www.udlcenter.org.

Principle 2: Presume Competence
All students are individuals who can learn, apply, and enjoy mathematics. The activities in these materials position students to capitalize on their existing abilities and provide supports that eliminate potential barriers to learning when they arise. Each lesson is designed for a wide range of skills, and all students are given access to grade-level problems. Student competence to engage with mathematical tasks should be assumed, with additional supports provided only when needed.

Principle 3: Strengths-Based Approach
All students, including students with disabilities, are resourceful and resilient members of the mathematics community. When highlighting the unique strengths and interests of students with disabilities during class discussions, their contributions enhance the learning of all students in the classroom.

The IM K-5 Math curricula went through both Alpha and Beta versions prior to the release of version 1.

The Alpha and Beta pilot Feedback informed improvements and enhancements in these areas:
- Lessons and Instruction
- Clearer teacher guidance with more facilitation
- Enhancements for Culturally Responsive Teaching
- Updates to routines for clarity and consistency
- Assessments- Updated to ensure standards alignment and consistent variety of item types
- Centers Activities- Improved guidance for implementation
- Centers Activities- Support for better integration into the lesson structure

User testing and customer feedback was used to refine features and functionality in the digital platform experience from the Beta version to the version 1. We look to further enhance with classroom exemplar videos of instructional routines available within the digital platform for Fall 2022.

Evidence of Efficacy

Illustrative Mathematics (IM) was authored by Dr. Bill McCallum and a team of math leaders focused on improving student outcomes in mathematics. The problem-based curriculum is built on best practices and research principles from NCTM, National Research Council, Smith & Stein, and others. The new IM K–5 Math completes the K–12 series.

Certified Partnership

Imagine Learning is one of Illustrative Mathematics' Certified Partners. The IM Certified designation assures that the materials adhere to IM's philosophy and have been developed, reviewed, and approved by Illustrative Mathematics.

The Imagine Learning Illustrative Mathematics instructional experience aligns with the 2015 Every Student Succeed Act (ESSA) Theory of Change for effective evidence-based programs. The goal is to deliver an engaging and easy-to-implement instructional solution that leverages the power of high-quality curricula. ESSA encourages districts and schools to adopt evidence-based programs that have a well-specified logic model that explains how the intervention is likely to improve outcomes.
This theory of change lists the resources that are needed (for example professional development, computers, headsets, easy-to-use platform, classroom space) to successfully launch the digital experience and documents the targeted activities and resources (Illustrative Mathematics curriculum, student consumables, teacher guides, digitized assessments, and lesson plans) needed to generate the outputs (data on student progress, engagement, and achievement) that lead to short-term outcomes (content mastery and engagement).

The interactive online program makes learning more accessible and engaging to students. The digitized comprehensive curricula come with built-in lesson plans and in-the-moment supports, so teachers can more easily plan lessons because they don't have to create resources from scratch. Consequently, teachers can focus their efforts on providing targeted support rather than trying to decipher teacher-facing materials. Ultimately, these short-term outcomes lead to longer-term outcomes, such as improved academic achievement.

Supplemental Services

The Imagine Learning IM Professional Development offerings support teachers, coaches, and administrators in effectively implementing the curriculum and platform with integrity throughout their program adoption.

There are virtual and in-person options to support the unique needs of your school or district. The workshop modules allow participants to learn, apply, and synthesize their understandings.

Imagine Learning supports IL Illustrative Mathematics implementations with a Customer Success Manager (CSM) to serve as the main point of contact and advocate throughout the implementation. The CSM works to understand unique district needs and challenges and assists with facilitating checking meetings, onboarding, designing, and executing profession development plans, data, and usage reports, and more.

- Ensuring the kickoff meeting, site setup, and onboarding process occurs within the established timeframe
- Conducting annual kickoff meetings with district stakeholders to coordinate on goals and implementation rollout plan

- Setting up a customized Imagine Learning site
- Integrating customized site with the district's LMS and SIS (if / as applicable)
- Provisioning users on the platform
- Designing and executing an onboarding communications plan
- Designing and executing the PD plan
- Planning and debriefing PD events with stakeholders
- Facilitating monthly check-ins throughout the school year
- Providing biweekly reports and analysis on usage data
- Facilitating annual mid-year and end-of-year account reviews to share data around overall progress toward goals as well as relevant product updates

All users have unlimited access to dedicated support resources, including:
- A customer success and customer support team to provide guidance on updates, walk through any integration issues that may arise, and help resolve any technical challenges
- 24/7 self-serve how-to documentation for IT administrators, teachers, students, site authors, and administrators, accessible via the district's Imagine Learning site
- 24-hour customer support for technical issues via email