Measure understanding and meet learning goals

LearnZillion Illustrative Mathematics (LZ IM) offers opportunities for both formative and summative assessment that empower teachers to measure student understanding and progress against learning goals. Students also have tools that promote ownership and accountability for learning.

Digital assessment resources include new generation item types including multiple choice, multiple select, and other tech-enhanced item types.

Formative Assessment and Practice Opportunities
Ongoing Throughout Each Unit

The LZ IM instructional design offers regular, embedded options for monitoring student progress and providing constructive feedback.

Each unit begins with a Check Your Readiness diagnostic assessment of concepts and skills that are prerequisite to the unit. Teachers can use these to identify students with particular below-grade needs or topics to carefully address during the unit. The teaching notes include scoring guidance to inform student instructional needs.
Learning Targets appear at the end of each lesson and articulate the goals of the lesson. Teachers and students can use learning targets as formative assessment prompts for a written reflection or self-assessment as part of a lesson synthesis.

Each Instructional Task is accompanied by commentary about expected student responses and potential misconceptions so that teachers can adjust their instruction. There are also monitoring templates to support student approaches to the instructional routines.

Each lesson includes a Cool-down (similar to an exit ticket) to assess whether students understood the work of that day's lesson. Teachers may use this as a formative assessment to provide feedback or to plan further instruction.
Track student progress and mastery

**Summative Assessment**

Each unit includes an End-of-Unit **written and digital assessment** that is intended for students to complete individually to assess what they have learned at the conclusion of the unit.

**End-of-Unit Assessment**

Digital assessments allow students to access, record, and submit their questions and answers for a variety of technology-enhanced item types including multiple choice, multiple select, drag-and-drop, cloze, graphing, labeling, constructed response, short essay, and drawing types.

These summative assessments feature a blend of automatically scored items and items that are manually reviewed, and include an item summary with item types, scoring guidance, and notes.

In longer units, a **mid-unit assessment** is also available. This assessment has the same form and structure as an end-of-unit assessment.

**Digital Assessments**

All **summative assessment** problems include a complete solution and standard alignment. Multiple-choice and multiple response problems often include a reason for potential errors.

**End-of-Unit Assessment Item Summary**
Additionally, a set of cumulative practice problems is provided for each lesson that can be used for homework or practice. Teachers can choose to collect and grade these or simply provide feedback to students.

**Performance Tasks**

Most units have culminating lessons where students have an opportunity to show off their problem-solving skills or apply the mathematics they have learned to a real-world problem. They are recommended for groups of students who excel at synthesizing concepts in this way.

The End-of-Unit assessments, combined with students’ work on the culminating lessons, will show a multi-faceted view of students’ learning over the course of the unit.

**Data and Reporting**

Real-time reporting is available for teachers to give them actionable data. Class Performance Reports show assignment scores and performance by items.

*Drill downs* allow teachers to analyze student work for open-ended item types.

LearnZillion Illustrative Mathematics offers a comprehensive array of assessment resources to support positive student outcomes in mathematics.

*Learn more at* izill.com/im-assessment