Interactive Mathematics Program’s® (IMP) proven content has been restructured and revised into a traditional pathway: Algebra 1, Geometry, and Algebra 2.

Problem-Based, Aligned with the Common Core State Standards for Mathematics

- IMP [Meaningful Math] was designed and field tested with support from the National Science Foundation (NSF).
- Units are organized around a real-world problem or theme and the mathematical concepts that students learn grow out of what is needed to solve those problems.
- The CCSSM practices and standards are deeply embedded in the curriculum. IMP is one of three curricula identified as “Exemplary” by the U.S. Department of Education for providing convincing evidence of its effectiveness in multiple schools with diverse populations.

Students are Active Learners

- Students experiment, investigate, ask questions, make and test conjectures, reflect on their work, and then communicate their ideas and conclusions both orally and in writing.
- The real-life situations capture students’ interest and make mathematics relevant and compelling.
- Problem-based learning helps students develop the ability to transfer their learning and reasoning skills to new problems.
- Students work with each other in collaborative groups as they tackle complex problems.

Total Support for Teachers

- IMP provides the option to choose complete Student Edition or individual units.
- Online Teachers Guide provides complete guidance for each Activity, as well as unit resources such as Pacing Guides, BLM’s, Calculator Guides, Technology Activities and Assessments, Supplemental Activities, and a whole series of additional Activity Notes.
- The IMP/Meaningful Math CyberPD website provides total support with preparation, just-in-time support, and reflection.
- The IMP/Meaningful Math CyberPD website includes professional-development videos.
- A professional learning community provides teachers the opportunities to communicate and share with others on an ongoing basis.
**ALGEBRA 1**

The Overland Trail—Variables, Graphs, Linear Functions, and Equations  
All About Alice—Exponents and Logarithms  
The Pit and the Pendulum—Standard Deviation and Curve Fitting  
Cookies—Systems of Equations and Linear Programming  
Fireworks—Quadratic Functions, Graphs, and Equations

**GEOMETRY**

Shadows—Similar Triangles and Proportional Reasoning  
Geometry By Design—Transformations, Construction, and Proof  
Do Bees Build it Best? — Area, Volume, and the Pythagorean Theorem  
Orchard Hideout — Circles and Coordinate Geometry

**ALGEBRA 2**

Small World, Isn’t It?  
The Game of Pig  
High Dive — Circular Functions and the Physics of Falling Objects  
The World of Functions — Families of Functions and the Algebra of Functions  
Is There Really A Difference? — The Chi-Square Test and the Null Hypothesis