

What is *Engaging Mathematics, Volume I: Precalculus*?

1

An instructional resource featuring 110 Texas Essential Knowledge and Skills (TEKS)-based, classroom-ready mathematics activities that each take approximately 15 to 20 minutes to complete.

2

A TEKS-based resource that addresses each of the Precalculus TEKS. *Engaging Mathematics, Volume I* complements teachers existing resources and provides—

- Rigorous problem-solving tasks;
- Manipulative-based tasks;
- Vocabulary development tasks; and
- Sorting and classifying tasks.

3

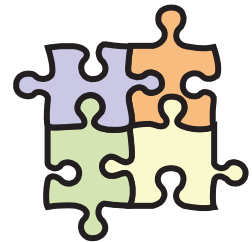
A resource that supports high-quality, research-based practices by providing activities that can be used for various purposes, including—

- Engaging warm-ups and opening tasks that draw students into relevant and challenging mathematics;
- Instructional support for all students to help learners articulate, refine, and retain important mathematical concepts, processes, and skills;
- Short-cycle, formative assessments that provide immediate and ongoing feedback to guide instruction for the teacher and learning for the student; and
- Supplemental tasks to support intervention strategies.

4

A resource that incorporates the mathematical process standards by promoting—

- Reasoning, generalizing, and problem-solving in mathematical and real-world contexts;
- Modeling, using tools, and connecting representations;
- Analysis; and
- Communication.



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