



EdGems Math COMPANION

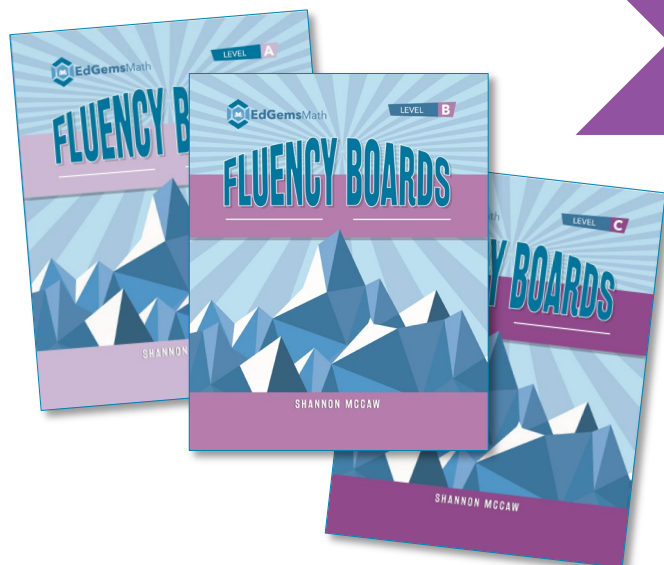
Research-based supplemental materials for middle school math



FLUENCY BOARDS

Fluency and automaticity in foundational mathematical concepts is a crucial component for student success in grade-level standards. The EdGems Fluency Boards are designed to help middle school math students strengthen number sense while acquiring procedural fluencies.

EdGems Fluency Boards engage and challenge students in a variety of differentiated formats. By pairing mathematical language routines with small practice sets, students are supported in both conceptual and procedural development of key grade-level fluency goals. The student materials include resources for student self-assessment, progress monitoring, mathematical discourse prompts, focused skill practice and spiraling of fluency content. Teacher materials include professional development, in print and video form, for key program components.



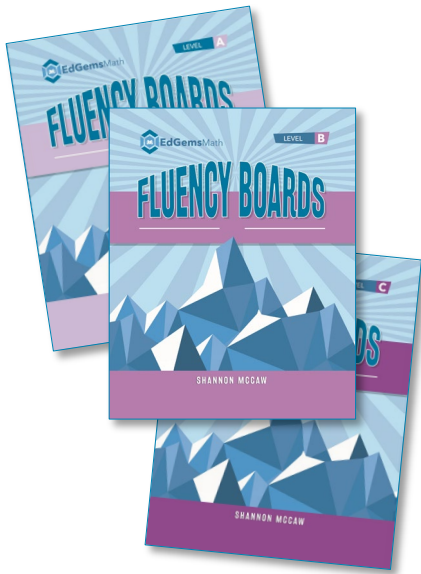
**PROMOTE SELF-EFFICACY &
INCREASE NUMBER SENSE**

Increase number sense while boosting students' confidence as mathematical thinkers through powerful language routines and targeted skill practice of key middle school math standards!

EMAIL [INFO@EDGEMS.COM](mailto:info@edgems.com) TO LEARN MORE!

INCLUDED RESOURCES

STUDENT CONSUMABLE



A student consumable is available for each grade level, covering foundational math standards as well as key 6th, 7th and 8th grade standards.

GRAPHIC ORGANIZERS FOR SELF REFLECTION

Graphic organizers offer opportunities for self-assessment and data collection to promote a growth mindset in students.

BALANCED FLUENCY SUPPORTS

Each of the fifty Fluency Boards per grade level include mathematical language routines and discussion prompts to increase number sense in students. Fluency skills are spiraled in targeted problem sets. For each target skill, problem sets are leveled to provide differentiated practice for all levels of learners.

TEACHER GUIDE

ON-DEMAND PROFESSIONAL DEVELOPMENT

Print and digital professional development resources are provided to support teachers in implementing research-based best practices. On-demand videos model the implementation of fluency routines while the Teacher Guide outlines various approaches to differentiating content based on student performance data.

PROGRESS MONITORING

Pre- and post-assessments for each target skill provide teachers with progress-monitoring data to inform instruction.