

LESSON MODELS: OVERVIEW

STEMscopes Math is based on a flexible, research-proven instructional model called the 5E. Expanded to include intervention and acceleration, the 5E model easily connects to both Math Workshop and Guided Math instruction so that both new and veteran teachers can easily transition to their preferred instructional model.

5E Model	Math Workshop	Guided Math
Engage	Hook/The Activator	Warm-up/Re-teaching
Explore	Focus Lesson/Mini Lesson Small Groups Student Reflection	Whole Group Small Group Reflection
Explain	Learning Stations Independent Practice	Small Group/Conferences
Elaborate	Learning Stations Independent Practice	Small Group/Conferences
Evaluate	Assessment	Ongoing System of Assessment
Intervention	Differentiated Instruction	Re-teaching
Acceleration	Differentiated Instruction	Differentiated Instruction



LESSON MODELS: ELEMENTS

The spreadsheet below will help guide you to understand which lessons elements in STEMscopes Math best match those in Math Workshop and Guided Math. You can locate each lesson item in any STEMscopes Math scope.

Teaching Segment

STEMscopes Lesson Elements

Warm-up

APK/Foundation Builder, Hook, Spiraled Review

Whole Group

Skill Basics, Explore, Anchor Chart, Picture Vocabulary

Small Group

Explore, Small-Group Intervention

Student Reflection

Exit Ticket, Show What You Know, My Math Thoughts

Stations

Fluency Builders, Interactive Practice, Problem-Based Task,
Career/Life Connections, Math Story, My Math Thoughts,
Decide and Defend

Conferences

Observation Checklist, Show-and-Tell (K-1)

Assessment

STAAR/Standards-Based Assessments, Skills Quizzes , Decide and Defend

Re-Teaching

Foundation Builder, Small Group Intervention, Spiraled Review

Differentiated Instruction

Problem-Based Task, Math Today, Connection Station, Create Your Own