Develop Critical Thinking and Reasoning with Math

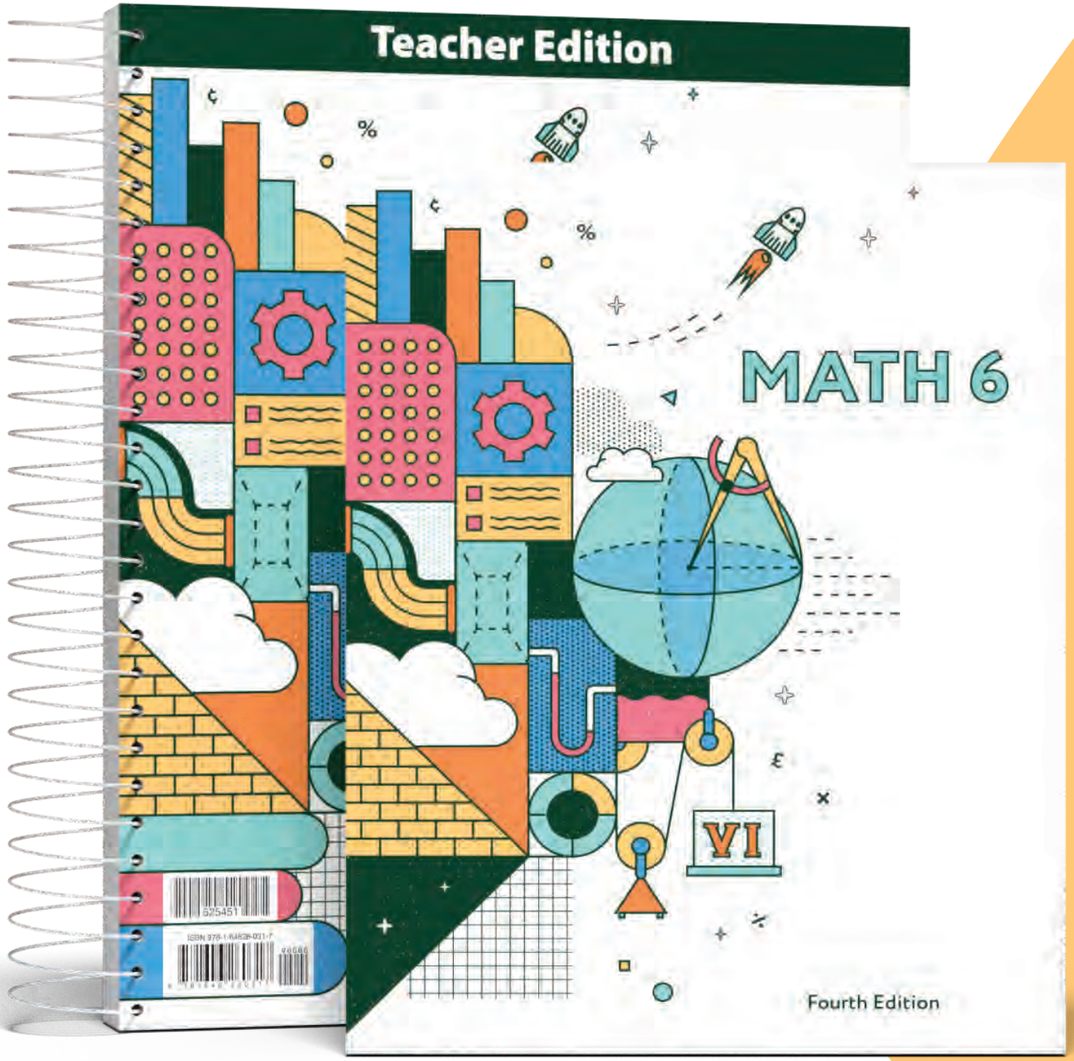
Prepare students for future math learning by first solidifying their understanding of elementary math concepts and then introducing them to key middle school math concepts. Students will learn not only how math principles work but also how to think critically about those principles and construct arguments so they can use the principles in real-world situations.

How We Teach It

Modeling
Students learn how to use mathematical models to build understanding of how quantities relate to structure in the real world.

STEM
Students will find a variety of STEM lessons that follow the engineering design process to teach them how to use math to solve real-world problems.

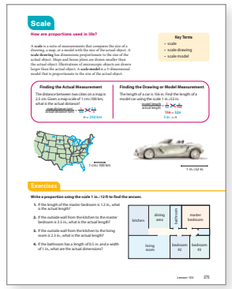
Arguments and Reasoning
Students will practice constructing arguments and explaining the reasoning processes they use to solve math problems. As they collaborate with their peers, they will develop an understanding of how and why math works and will learn how to critique others' reasoning as well as their own.



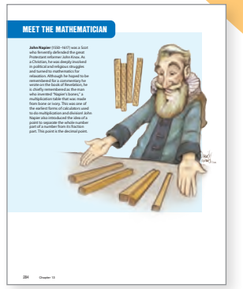
Differentiated Learning
Teachers will find suggestions for providing students further help and alternative methods for presenting lesson material throughout the course.

STEM Projects

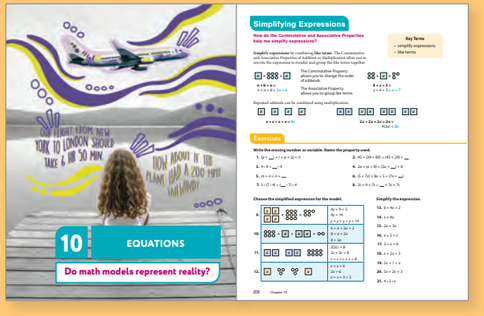
Modeling



Informative Sidebars



Materials



Student Edition
The student edition provides practice and direct application for all math concepts students will learn. Students will use what they have learned in lessons to think critically about how to use math and how to reason with math. Students will find STEM lessons that follow the engineering design process as well as a variety of engaging illustrations and pictures that help them better understand how to use math to solve real-world problems.

Teacher Edition
The teacher edition is a two-volume set that equips educators with 6th grade math lesson plans, teaching strategies, and a variety of other resources for creating a successful learning environment for students. Lessons are organized clearly and logically to support the educator in teaching students math concepts and to guide them in developing a biblical worldview of math.

Also available: assessments and assessments answer key