

# Add to Mathematical Foundations

Build number sense and problem-solving skills while building on students' existing math knowledge. This edition of *Math 2* helps students' progress in number sense, interpreting data, understanding geometric figures, performing basic computations, using money, and telling and writing time, while applying biblical worldview themes and using math knowledge to solve real-world problems. This new 5th edition adds a STEM focus with STEM learning objectives, four independent coding lessons, and an entire chapter dedicated to coding.

## How We Teach It

### Engage with Stories

A mascot introduces each chapter with engaging stories that tie in the biblical worldview theme and math concept for the chapter, which entices student excitement and interest.

### Instruct with Clarity

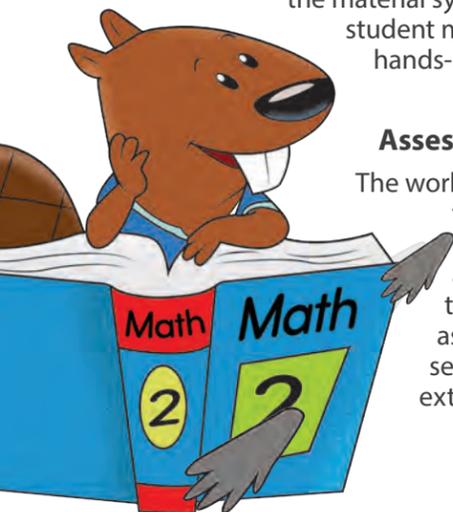
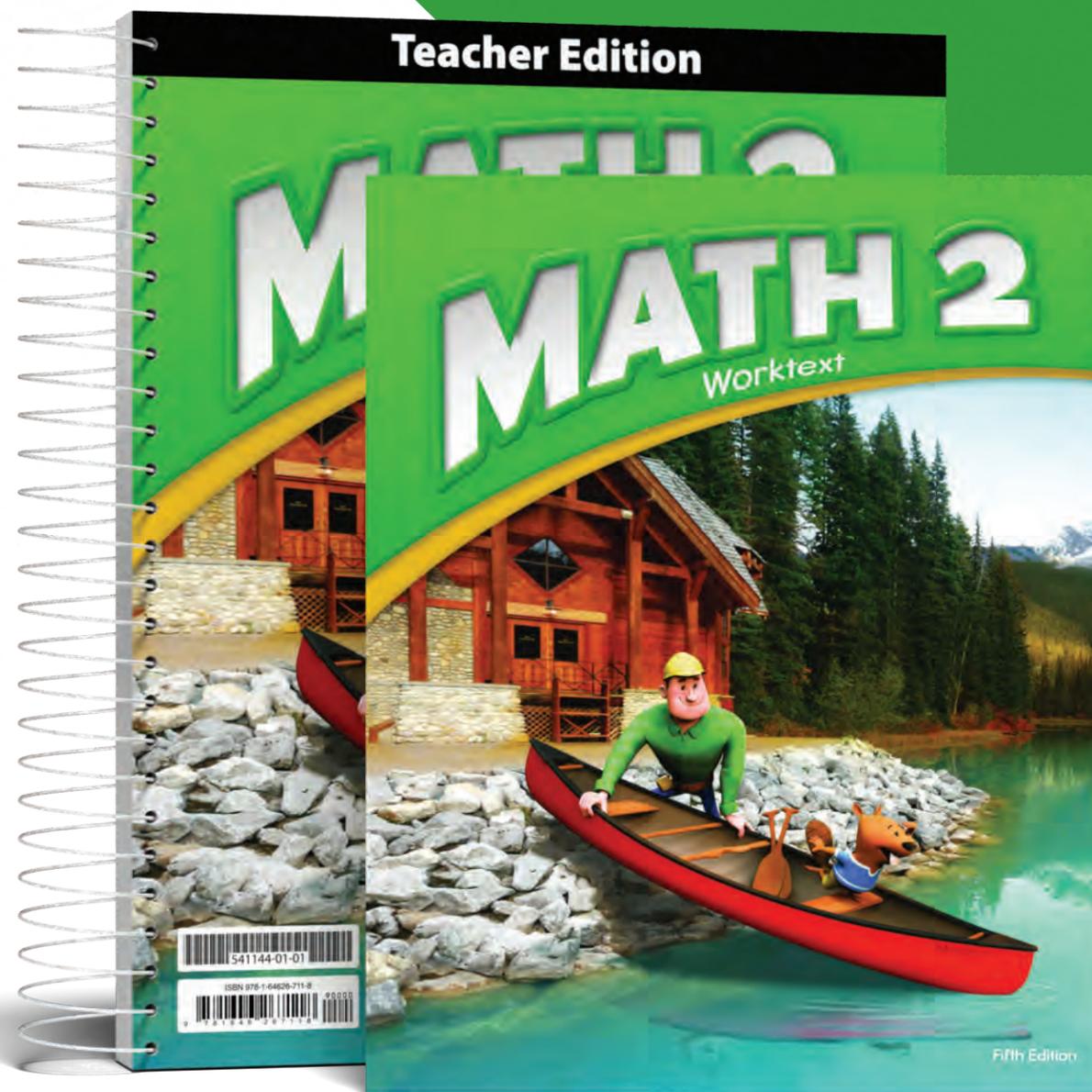
The updated Math 2 Teacher Edition uses modeling strategies to add clarity and opportunities for differentiated instruction. Instruction is cyclical, frequently circling back to review past topics while introducing new ones.

### Apply Knowledge

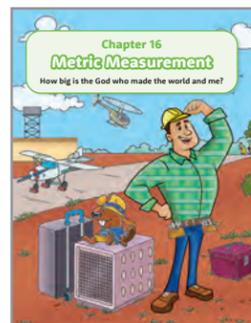
Each lesson includes 2 student exercise pages that provide clear processes that students can follow to build confidence and success as they move through the material systematically. Included student manipulatives help with hands-on math applications.

### Assess Student Learning

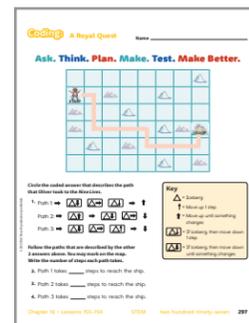
The worktext provides opportunities for teachers to guide and assess learning. The assessments include 19 tests to use for chapter assessments. The reviews serve as an assessment tool or extra practice.



Essential Question



STEM Activities



## Materials

### Student Worktext

Colorful artwork in the student worktext keeps young learners engaged. Each chapter includes an essential question to guide biblical worldview and mathematical thinking development. The workload for each lesson is reduced to 2 pages to keep young learners engaged. Each page has clear processes for students to practice math systematically, which helps build confidence. This edition adds a chapter on coding and four STEM lessons, with a total of 180 lessons.

### Teacher Edition

Chapters in the teacher edition have been shortened to keep learning objectives more manageable. It implements our four-step teaching cycle of engage, instruct, apply, and assess. The theme stories follow a mascot throughout the year, keeping learners engaged while unifying the content around a central theme. The new STEM lessons have detailed instructions with step-by-step guided instruction and grading rubrics. Differentiated instruction tips and extended activity options are included near all relevant subject matter to help all learning styles find success.

### Reviews

The reviews book provides a page of similar problems to those in the student worktext for additional practice. It also has a page of spiral review problems for each lesson. Teachers can use reviews as additional assessments or for supplemental activities. Includes an answer key.

### Assessments

Assessments include 19 chapter tests with answer keys to assess student learning for each chapter.

### Student Manipulatives & Visuals

Student manipulatives and visuals provide tactile tools for hands-on learning. These tools assist teachers in making abstract math concepts more tangible.