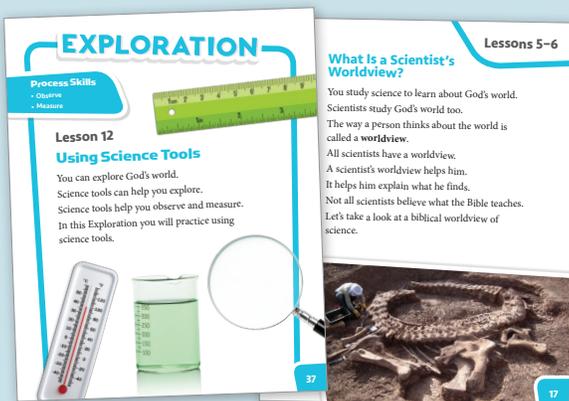




Science 1 (4th Edition)

A highly visual, interactive course that uses engaging visuals, age-appropriate text, and special interest boxes to introduce students to science and scientific concepts. Students will cover basic concepts in life science, earth-space science, and physical science, and they will learn to defend the truth that God created all things and sustains their existence. The student edition and activities encourage inquiry-based learning while the teacher edition suggests effective questioning strategies. The student has the opportunity to apply foundational science skills to learn problem solving.

Parts and pieces include the teacher edition, student edition, activities book, activities answer key, assessments, and assessments answer key.



Throughout the course, lessons engage students in **worldview formation** by answering the following questions: Where did our world come from? Why do things work together the way they do? Where are we and why are we here? And why is science important? Students will learn to think like **student scientists** in answering those questions through inquiry-based investigations, explorations, and STEM activities that build foundations for science process skills and problem solving.



Chapter Objectives

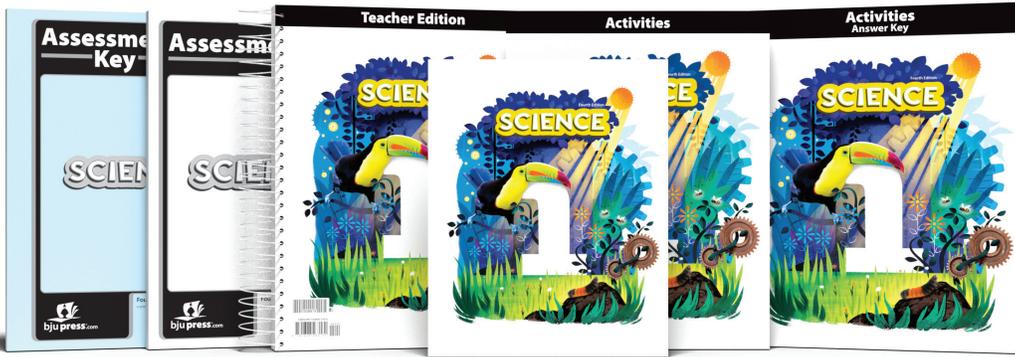
- Use science process skills and age-appropriate tools to gather information and reach conclusions
- Explain how people use their senses and other tools to learn about God's world **BWS**
- Explain how Genesis 1:28 states one of the main purposes for what scientists do **BWS**
- Apply the basic steps of the scientific method
- Apply the engineering design process to solve a real life problem

Exploring STEM

The student edition and activities book include new STEM activities and highlight STEM career paths to encourage students to think about science more comprehensively.

Correlates with Standards

Objectives in this ninety-lesson edition correlate with national standards. Biblical worldview shaping objectives are identified with an icon.

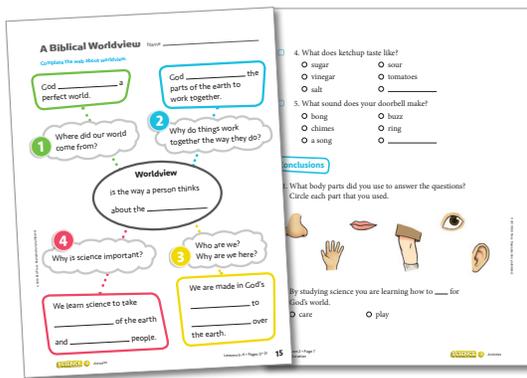
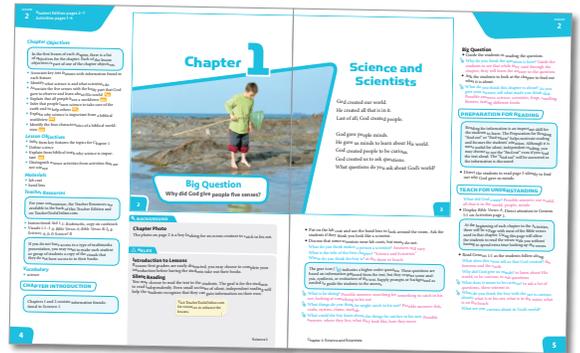


Student Edition

The student edition introduces students to what science is and what scientists do. A “big question” at the beginning of each chapter, engages and focuses students. The first chapter lays a foundation for the biblical worldview that is emphasized in the course. As students learn to defend the truth that God created all things and sustains their existence, they will also learn to explain how the design of living things meets their needs for growth and survival. They will explore basic science concepts, such as the patterns of the earth, sun, moon, and stars, and the properties of light, sound, and communication with light and sound.

Teacher Edition

The teacher edition supports teachers in implementing effective teaching practices in every lesson. It features a suggested teaching schedule through a lesson plan overview. It also offers a biblical worldview scope and sequence and answers to every “quick check” question. To encourage engagement and effective teaching, it offers teacher helps, background information, and additional activities. It also offers information about science process skills, the management of activities, and grading. The appendix includes instructional aids and visuals.



Activities

The activities book engages the student through

- Enrichment—Enrichment pages provide differentiated learning opportunities.
- Reinforcement—These pages include the use of pictures and questions as well as graphic organizers to strengthen the students’ understanding of science concepts.
- Activities—Students will be able to experience science through inquiry-based Investigation, STEM, and Exploration lessons.
- Review—Each chapter includes study guides to provide systematic review of key concepts and to prepare the student for the chapter assessment. Study guides include application questions that reinforce science concepts and the worldview development.

