



## EARTH SCIENCE (5th Edition)

An engaging program that approaches the study of the universe with the goal of dramatically shaping students' worldviews. The process of teaching encourages students to think like scientists, eager to learn and discover. Science will always be a heavily process-based discipline, so in the study of earth science, process also contributes to worldview shaping. By shaping students into scientists that are conscious of earth science issues, they will be able to approach science as another means of ministry as they discover new ways of exercising dominion.

Essential items include a Student Text, Teacher's Edition, Lab Manual, Lab Manual Teacher's Edition, Tests, and Tests Answer Key.

### The Process



#### Real-World Issues for Worldview Shaping

The first step in the process directs the student's attention to current real-world issues through the textbook. These issues encourage students to consider how they will interpret the earth and what the evidence suggests within the focus of a biblical worldview.

#### Developing Critical Thinking

Finally, as students complete the process, they will develop critical thinking and analytical skills as they match what they have learned through inquiry with their worldview. They must realize that, in science, there will always be questions to be answered, but there are few who are willing to see the evidence for what it is. From a ministry standpoint, earth science is an open field.

#### Robust Academics

Questions and evidence to answer those questions are meaningless without a robust biblical foundation. The textbook and teacher's edition equip both teacher and student with all the tools needed to understand the evidence and theories presented and to conduct experiments directed at finding more evidence.



#### Hands-on Learning

This edition includes a number of labs to help students get their hands on earth science. According to the inquiry-based learning approach, students must begin with a problem and then find a solution to that problem.



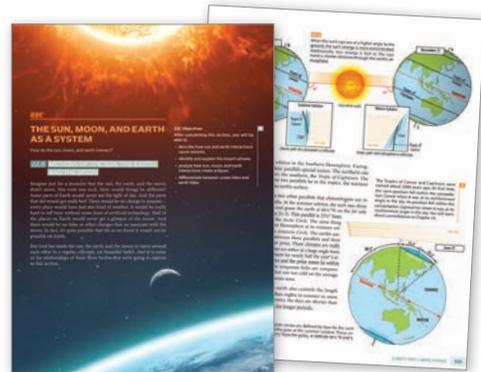


### Teacher's Edition

The Teacher's Edition supports teachers in implementing effective teaching practices for a sound curriculum framework in earth science. It features suggested teaching strategies, icon-coded items like weblinks and demonstrations, complete answers to hundreds of review questions, and information to provide a thorough background to the textbook material. It also includes a full-year lesson plan overview.

### Student Text

The Student Text moves the student from the lithosphere of the earth itself, to the hydrosphere in and on the earth, to the atmosphere surrounding the earth, and finally out into space visiting the solar system and the rest of the universe. All of this is a quest to understand God's created world. Clear, accurate, scientific images help them picture the spheres they study. Case studies, webquests, lab activities, and questions help students think like scientists and view earth science from a biblical perspective.



### Lab Manual

The Lab Manual gets students exploring God's world both in the lab and in the great outdoors. This lab manual helps students learn about life, not just through dissections, but also through observing, recording, and analyzing samples and data from the living world to make models, predictions, and graphs. It also introduces students to inquiry-based labs and a STEM activity.

