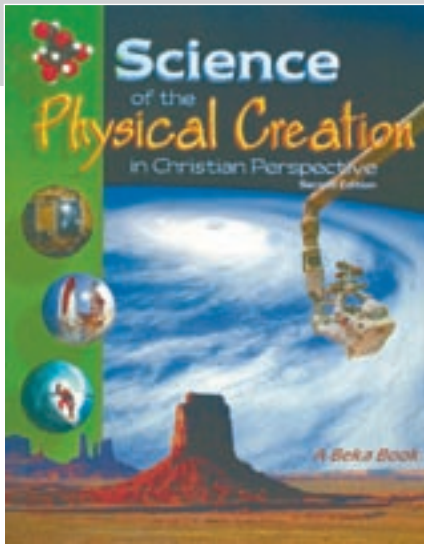


## Grade 9



## Meteorology and Oceanography

God created the earth's atmosphere, the blanket of gases that surrounds our planet, to protect and support life in many ways. It contains just the right amount of oxygen, carbon dioxide, and other gases for people, animals, and plants to breathe. It shields the earth from harmful radiation from the sun. It helps maintain temperatures on the planet's surface, and it helps distribute fresh water through precipitation. **Meteorology**, the study of the atmosphere, helps us understand climate and weather conditions that affect us every day.

Earth's oceans also play a vital role in making the planet suitable for life. They help regulate temperatures, supply the water for clouds, rain, and snow, and provide a home for an amazing variety of sea creatures. At present, about 11% of the earth's surface is covered by ocean, yet only in the last century have we had the technology to explore the ocean depths. Thus, many branches of **oceanography**, the study of the oceans, are relatively new sciences, and the deep oceans can be regarded as Earth's "final frontier."

Chapter 2 The Atmosphere

Chapter 3 Earth's Weather

Chapter 4 A Survey of the Seas



### Science of the Physical Creation (9)

Atmosphere, weather, oceanography, earthquakes, volcanoes, rocks, and fossils are just some of the earth-science topics of this outstanding text. The geology section includes a good refutation of the "principle of uniformity" and other ideas of evolutionary philosophers. Basic concepts of chemistry are presented in a simple and yet accurate manner, and physics concepts are applied to lasers, computers, and other electronic devices.



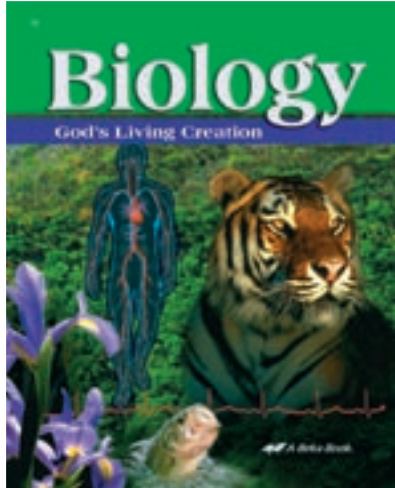
### Science in Action: A Science Project Guide (7-12)

A step-by-step explanation of the science project, including the scientific investigation, the science research paper, oral presentation, and the science fair exhibit. Highly practical for all students, grades 7-12.

# Biology

## Grade 10

Third Edition

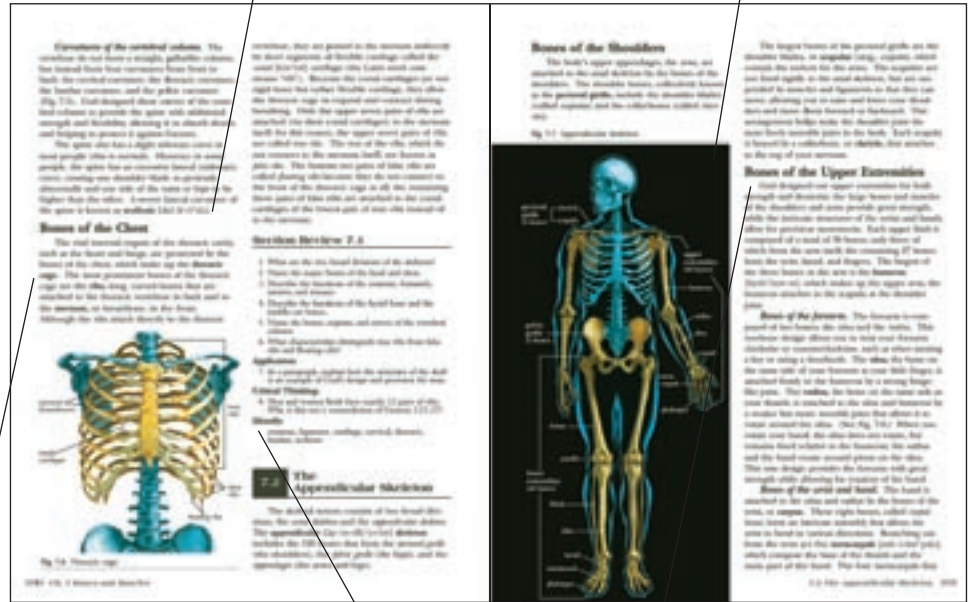


#92878

Key words

Pronunciation helps

Full-color diagrams



Study helps

Christian perspective

### BIOLOGY: God's Living Creation (10)

#### Thoroughly Christian in perspective and tone

Truly nonevolutionary in philosophy, spirit, and sequence of study.

#### Pedagogically superior for grades 10–12

Begins with the familiar, tangible things of nature. Ties abstract concepts to concrete examples.

#### Thoughtfully designed to aid student learning and teacher preparation

- Lists key concepts at the head of each chapter.
- Includes section reviews and a chapter review for each chapter to reinforce learning and help students prepare for tests.

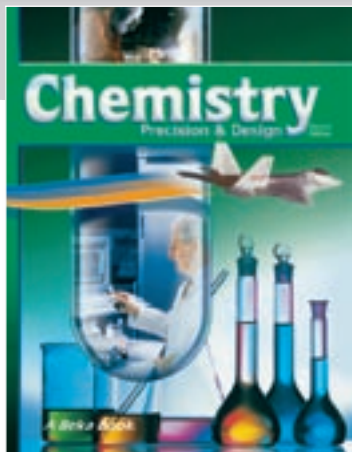
- Includes a set of TransVision® overlays of the human body to show at a glance the anatomical relationships of the body's systems.

#### Scholarly, accurate, and up-to-date in content and organization

Reflects the latest advances in man's understanding of living things without neglecting a foundation in the basics.

# Chemistry / Physics

Grades 11–12



## CHEMISTRY: Precision and Design (11)

### ■ Logical presentation

The excellent organization of this superior Christian chemistry text ensures mastery of the basic principles of chemistry

and makes those principles understandable and interesting to your students.

### ■ Clear, understandable format

An appealing layout with abundant photographs, illustrations, and diagrams makes chemical principles and applications clear and understandable. Computer-generated molecular models allow students to more easily visualize chemical processes.

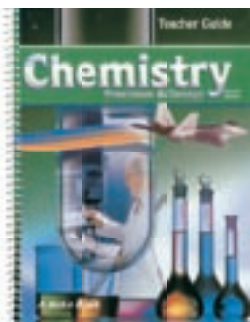
■ **Increased emphasis on the basics** of chemistry gives students a firm foundation on which to build more advanced knowledge.

■ **Practical applications** of chemistry are given throughout, highlighting the importance of chemistry in everyday life.

■ **A Christian perspective** helps students see chemistry as a beneficial science that can be used for man's benefit and God's glory. Environmental issues such as ozone depletion, global warming, and nuclear power are presented from a balanced, conservative perspective.

■ **Numerous in-text learning aids** are provided, including key concepts, chapter outlines, worked examples, exercises keyed to the examples, and chapter summaries.

■ **Optional Supplement for Advanced Studies** Contains advanced mathematical aspects of chemistry for each chapter and 9 additional labs.



## PHYSICS: The Foundational Science (12)

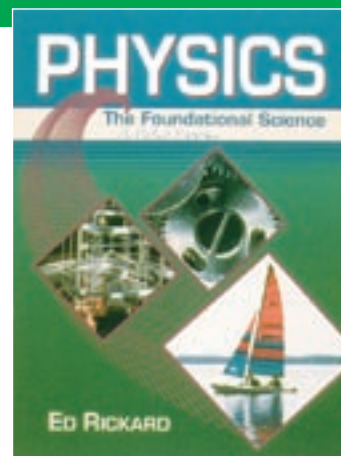
### ■ Makes physics understandable

Making physics understandable is the distinguishing feature of *Physics: The Foundational Science*. Thorough and detailed explanations, with a touch of humor, penetrate the most perplexing questions. Wherever possible, the principles of physics

are illustrated by everyday experience and practical devices. The student is shown how the many kinds of technology—from the camera to the car—actually function. Numerous illustrative problems are solved in detail.

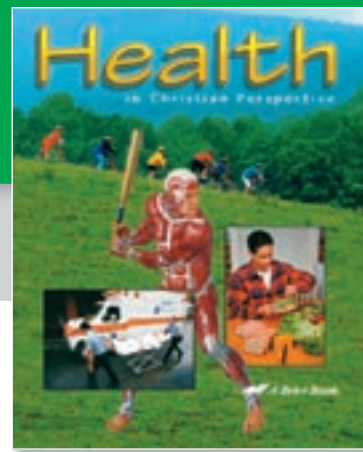
### ■ Stresses the compatibility of faith and science

*Physics: The Foundational Science* can play an important role in showing students the harmony between scientific knowledge and Christian belief. The text is firmly grounded on the view that we live in a God-created world governed by laws discoverable by reverent scientific inquiry. Issues of vital concern to Christians are handled in depth. Interspersed throughout the text are biographies of great physicists who were also Bible-believing Christians.



# Health

Grades 7–9



## Health in Christian Perspective

(9) May be used in grades 10–12 (One semester)

Written from a thoroughly Christian perspective, this interesting, practical text addresses the health care issues that concern young adults today. Health discusses the various body systems in the field of health care that most directly involve them. Therefore, as students read about nutrition, growth, and development, they learn about the digestive and endocrine systems. The section on fitness includes the skeletal, muscular, cardiovascular, and respiratory systems; the section on mental health, the nervous system. This integral approach helps students better understand their bodies and determine the steps needed to attain and maintain good health. Other important chapters include information on safety, first aid, drug abuse, and interpersonal relationships. Students and teachers alike are sure to appreciate the colorful photographs, illustrations, and diagrams—including an atlas of the body systems—as well as the study questions for comprehension,

