Science & Health

It is the glory of God to conceal a thing: but the honour of kings is to search out a matter.  Prov. 25:2
Science
— is the study of God’s order, provision, and reasonableness as revealed in His physical creation.

Upholds Biblical Truth
The A Beka Book Science Program presents the universe as the direct creation of God and refutes the man-made idea of evolution. Further, the books present God as the Great Designer and Lawgiver.

Emphasizes a Christian perspective
Students enjoy studying science and are thrilled to see the plan of God as revealed in His orderly creation. The A Beka Book Science Series provides a solid foundation in science based soundly on the Word of God and Christian principles.

Promotes academic excellence
Written by Christian teachers who understand not only science but also how to teach it effectively, these texts ensure teaching success in planning and conducting a science class. This superior program encourages student achievement, and the emphasis on nature study appeals to both students and teachers.
Enjoying God’s World  

Gr. 2

Science: Order and Design  

Gr. 7

Understanding God’s World  

Gr. 4

Biology: God’s Living Creation  

Gr. 10

Teaches basic scientific principles

With the integrated approach of A Beka Book, students learn basic principles of science in each grade so they can review them and build upon them from year to year (see below for example).

Takes a building-block approach to all science fields

The sequential presentation of this series takes into account the maturity of the students, the principles previously developed, and the importance of variety in a student’s life.

Insects: Miniature Marvels of Creation

2.1 Ten Million Designs

Insects walk on six legs, through the water, or even in the air. Insects are the most numerous animals on earth, outnumbering humans almost a million times! 

Butterflies are incredibly diverse and come in different colors. They have a diamond-shaped proboscis for drinking nectar. Butterflies are diurnal. One way to distinguish butterflies from moths is to remember that butterflies have brightly colored wings, while moths are dull colored and tend to fly at night. 

Three body parts

All insects have three body parts: head, thorax, and abdomen. 

Three body parts

Three body parts

Three body parts

Head, thorax, abdomen

Brain Byte

“The four seasons.” Butterflies and moths are both insects, but butterflies are usually much larger and have brightly colored wings.

Brain Byte

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“The four seasons.” Butterflies and moths are both insects, but butterflies are usually much larger and have brightly colored wings.
Provides many hands-on activities
A variety of demonstrations are used to involve students in the learning process.

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Exploring God’s World Gr. 3

Comprehension Check

**Comprehension Check**

*Write your answers below or on a separate sheet.*

1. What kind of minerals would you expect to find in the ocean?

2. What are rocks made up of?

**Think about it!**

As scientists dive deeper, they find that the water gets darker. Why?

**Why is the ocean so salty?**

Scientists do not know exactly how the ocean became so salty. Christian men of science believe that God created it that way.

Scientists do not know why the ocean is becoming saltier. As rivers flow toward the ocean, their waters pass swiftly over rocks and such. The minerals in the rocks and soil are slowly dissolved. (Dissolve means to break into tiny pieces and become part of a liquid.)

The dissolved minerals, including salt, are then carried by the rivers to the ocean. The main way that water leaves the ocean is by evaporation. As it evaporates, it leaves the salt behind. In every hundred pounds of seawater, there are at least two pounds of salt.

**Colorful photography on nearly every page**

**Hands-on activities**

Bold print emphasizes important terms

Christian perspective

In-text study aids

**Exploring the Ocean**

**The ocean’s energy**

The ocean has great energy in its moving waters. Have you ever been knocked over by a wave? Have you seen a huge ship being tossed about by waves? If you have, you know that the ocean is full of energy.

Waves are so powerful that they can carve out caves in the ocean cliffs. They can even lift ships onto dry land! A tidal wave, which is caused by an erupting volcano or an earthquake, can destroy an entire city.

Scientists are finding ways of making the ocean work for man. The energy of the ocean’s waters can be used to make electricity.

**Something to try!**

Since some water evaporates from the ocean each day, **why is the ocean still salty? Try this and see!**

**What you need:**
- 4 tablespoons of salt
- 1 cup of water
- cooking pot
- stove
- an adult to help

**What to do:**
1. Add salt to cup of water. Stir until you have dissolved the salt in the water.
2. Pour this solution into a pan, and heat the solution to boiling. Be sure to have an adult help you.
3. After all the water has evaporated, measure the salt to see how much salt is left.

How does this help to explain why the ocean is salty?
A BEKA BOOK SCIENCE PROGRAM

Gives students basic science education through general science coverage in grades 1–8

Areas of general study in A Beka Book Science

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Grades 9–12 Specialized Study
Science of the Physical Creation
Biology: God’s Living Creation
Chemistry: Precision and Design
Physics: The Foundational Science

Offers numerous teaching aids
Visual aids, teacher editions, and curriculum/lesson plans assist teachers.

Also Available
Biology Transparencies
Lab Demonstrations on DVD (9–12)
Encourages healthful behavior

Healthful hints included throughout help students apply concepts to their own health actions, encouraging them to take more responsibility in caring for their health.

Contains relevant and up-to-date topics

These superb Christian health texts contain relevant and up-to-date information regarding such topics as physical fitness, personal appearance, human anatomy and physiology, eating for energy, drug abuse, safety, disease, first aid, mental and spiritual health, and social behavior.
Useful, appealing format
Colorful art and photos excite interest, promote healthy relationships, and encourage students to become physically fit.

Improves reading comprehension skills as you teach health
Students who learn to read with the A Beka Book Reading Program are ready and eager to read and learn in a variety of content areas.

Offers practical demonstrations
Demonstrations and exercises that help students care for their bodies are included in the text.

Anatomy Worksheet 1
Gr. 4

Name: __________________ Date: __________

Anatomy Worksheet 1
Chapter 1

Your Amazing Body: Color each bone of the skeleton the color that is indicated.

- cranium—red
- facial bones—yellow
- clavicle—blue
- scapula—orange
- sternum—green
- ribs—purple
- vertebrae—yellow
- humerus—brown
- carpal—red
- metacarpal—green
- phalanges—yellow
- femur—purple
- patella—blue
- tarsal—brown
- metatarsal—orange

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### Materials for Students and Teachers

#### Generalized Study Grades 1–8

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#### Specialized Study Grades 9–12

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