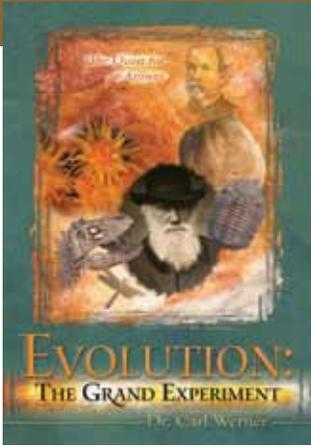


# Scope and Sequence



Religion/Science

**GRADE LEVEL:**

Jr. High and High School

## **COURSE OVERVIEW:**

Darwin's book on evolution admitted that "intermediate links" were "perhaps the most obvious and serious objection to the theory" of evolution. Darwin recognized that the fossils collected by scientists prior to 1859 did not correspond with his theory of evolution, but he predicted that his theory would be confirmed as more and more fossils were found. One hundred and fifty years later, *Evolution: The Grand Experiment* critically examines the viability of Darwin's theory.

## **FEATURES:**

Filled with hundreds of full-color photos, interviews with scientists from leading universities and other institutions, balanced views on the topics covered, informative summaries of scientific concepts, and easy-to-understand, concise format. The teacher's guide provides exams, exams keys, and additional insights to help a parent/teacher make full use of the text. Ideal as a standalone study unit for schools and homeschoolers or easily integrated into existing curricula.

## **CONTENT FOCUS:**

**Chapter 1:** The Origin of Life: Two Opposing Views

**Chapter 2:** Evolution's False Start: Spontaneous Generation (322 BC-1859 AD)

**Chapter 3:** Darwin's False Mechanism for Evolution: Acquired Characteristics

**Chapter 4:** Natural Selection and Chance Mutations

**Chapter 5:** Similarities: A Basic Proof of Evolution?

**Chapter 6:** The Fossil Record and Darwin's Prediction

**Chapter 7:** The Fossil Record of Invertebrates

**Chapter 8:** The Fossil Record of Fish

**Chapter 9:** The Fossil Record of Bats

**Chapter 10:** The Fossil Record of Pinnipeds: Seals and Sea Lions

**Chapter 11:** The Fossil Record of Flying Reptiles

**Chapter 12:** The Fossil Record of Dinosaurs

**Chapter 13:** The Fossil Record of Whales

**Chapter 14:** The Fossil Record of Birds - Archaeopteryx

**Chapter 15:** The Fossil Record of Birds - Feathered Dinosaurs

**Chapter 16:** The Fossil Record of Flowering Plants

**Chapter 17:** The Origin of Life - The Formation of DNA

**Chapter 18:** The Origin of Life - The Formation of Proteins

**Chapter 19:** The Origin of Life - The Formation of Amino Acids

**Chapter 20:** Conclusions: Evolution-Points of Controversy



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