

# Science G

Geology, Physics, & Origins

Grade: 7-9 | Ages: 12-14

## Geology, Physics, & Origins

4-Day program, omits 1 book

5-Day program includes all books

### Science G Instructor's Guide

GSG4 (4-Day) GSG (5-Day)

Includes the following resources for teaching all Science G subjects: full Schedule; Teaching Helps; student Activity Sheets; separate parent full answers and definitions; and much more. Ready for your binder.

### Encyclopedia of Planet Earth

Usborne. A stunningly illustrated book that explores the secrets of the earth, from what causes earthquakes and volcanoes to how plants and animals depend on one another. Color. Pb. **RA:** 4-8; **R:** 4-8

### Icons of Evolution DVD

Boorujy. From the Galapagos Islands to China, this DVD takes you on a fast-paced journey into a scientific debate over Darwin's theory. Presents both sides of the discussion, but emphasizes the faulty foundation of Darwin's examples from nature. Well-produced. Thought-provoking. Includes bonus features for further exploration. DVD only.

### What's Science All About?

Usborne. An engaging, practical introduction to biology, chemistry, and physics. Conversational style and fun illustrations bring concepts to life. (Instructor's Guide includes extensive parent notes and counterbalancing arguments for the chapter on the origins of the universe.) Pb. **RA:** 3-A; **R:** 5-A

### Science Supplies Kit G

Includes iodine; litmus paper pack; glass slides; sawdust; alum; corn starch; cleanser; lime; sand; toothpick; rubber bands; aspirin; seltzer; glycerine; glass dropper; plastic dropper bottles; waxed paper; 10 ml graduated cylinder; styrofoam cups; straw; index cards; aluminum foil; portion cups; candle; plastic cups with lids; small paper cups; filter paper; graph paper; instructions for constructing an equal arm balance. (**Consumable**)

### TOPS #10 – Analysis

Marson. Wonderful introduction to simple chemical analysis. Fascinating. Simple. 16 lessons for students in grades 5 through 10. Pb. **RA:** 3-A; **R:** 5-A. (**Consumable**)

### TOPS #13 – Cohesion/Adhesion

Marson. Students learn why chromatography works, why oil slicks disperse on water with the addition of soap...and a whole lot more. Pb. **RA:** 5-A; **R:** 6-A. (**Consumable**)

### 5-Day program also includes ▼

#### Evolution: The Grand Experiment

Werner. An engaging introduction to natural philosophy and history with vibrant photography and careful arguments critical to the evolution/creation debate. 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, Werner examines the viability of Darwin's theory in light of fossil evidence. Hb, illus. **RA:** 4-A; **R:** 5-A