

Science D

Energy, Waves, Biological Systems,
 Earth Systems, and Engineering Design

Grade: 4-7 | Ages: 9-12

Energy, Waves, Biological Systems, Earth Systems, and Engineering Design

4-Day program, omits 3 books

5-Day program includes all books

Science D Instructor's Guide

Choose 4- or 5-Day

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

Coding with Scratch 3.0: Project Workbook

DK. In *DK Workbooks: Computer Coding with Scratch 3.0*, programming for kids is broken down clearly and simply, so children will easily learn how to create their own games, projects, and much more on the screen.

Energy

Woodford. Explores everything from propulsion and meteors to the destructive forces of volcanoes and forest fires. With full-color photographs, this remarkable book uncovers the real story behind a natural phenomena that shapes the world around us.

Hedy Lamarr's Double Life

Wallmark. Movie star by day, ace inventor at night: learn about the hidden life of actress Hedy Lamarr!

Mysteries and Marvels of Nature

Usborne. See how diverse animals eat, move, attack, defend, communicate and, generally, live their lives. Includes fascinating glimpses of the amazing, unexplained and mysterious in the realms of animals, plants, fish, reptiles, and insects. Stunning full-color photography throughout. Pb. **RA:** 3-A; **R:** 3-A

Usborne Encyclopedia of Planet Earth

Claybourne, Doherty, Treays. 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. Each section features recommended websites linked together on one main site to help you and your children to learn more.

Usborne Illustrated Elementary Science Dictionary

Khan. The Usborne Illustrated Elementary Science Dictionary tells it straight and simple, explaining everything children and parents need in order to understand basic level science. This book will help to lay a firm foundation for confidence and success in science. Readers can dip in for quick explanations or work through by subject to build knowledge step-by-step.

What are Waves

Hudak. This exciting title introduces readers to the concept of a wave and the patterns and properties common to both light and sound waves.

Discover & Do DVD, Level D Science Experiments

Observe and learn how to do 60 science experiments in the Science D curriculum. Filled with fascinating activities and peppered with humor, this DVD is an ideal supplement to your child's education.

Discover & Do: Science Supplies Kit D

Includes aluminum foil; straight straws; pinto beans; radish seeds; popcorn; wheat kernels; lentils; potting soil; rubber bands; styrofoam tray; index cards; plastic cups and lids; plastic portion cups. (**Consumable**)

Discover & Do: Level D Experiments Paper Packet

This Paper Packet includes all templates, charts, cut outs, and patterns in the *Discover & Do: Level D Science Experiments* book in Science D. (**Consumable**)

5-Day program also includes ▼

DK Findout! Engineering

Hunt. Discover the STEM subject of engineering with this children's book full of photographs and illustrations, fascinating facts, and engaging challenges.

Engineered!

Hunt. How do you land a rover on Mars, resolve a perpetual traffic jam, or save a herd of caribou from potential extinction? Ask an engineer! This book presents nine real-life problems for which engineers designed inventive (and even crazy!) solutions