

8th Grade Science
Physical Science: Introduction to Chemistry & Physics

Textbook: Prentice Hall Physical Science, 2009 Edition

The following topics of study may be covered, depending in part on how quickly students grasp the material.

Introduction to Physical science-includes scientific inquiry, technology, lab safety

Introduction to Matter-measuring, physical and chemical properties and changes

Solids, Liquids & Gases-states of matter, changes of state, gas behavior and gas laws

Atoms and Atomic Theory-big unit

Elements and the Periodic table-the **key** to understanding chemistry

Chemical Bonds-includes writing formulas & naming compounds

Chemical Reactions-includes writing & balancing equations

Acids, Bases & Solutions

Carbon Chemistry

Motion

Forces

Energy & Work

****Woven through the year: Forensic Science (includes Biology, Chemistry, Physics)
Technology & Design**