



UNIT A - SCIENCE, ENGINEERING, AND TECHNOLOGY

A. Chapter 1: The Nature of Science

1. Lesson 1 - What questions do scientists ask?
 - a) *Chapter 1 Try It! LAB: Observations*
 - b) *LAB: Stapler*
2. Lesson 2 - How do scientists use tools?
 - a) *LAB: Rocks/Penny*
3. Lesson 3 - How do scientists answer questions
 - a) *LAB: Salt*
4. Lesson 4 - How do scientists draw conclusions?
 - a) *LAB: Magnets (Drawing Conclusions)*
 - b) *Chapter 1 Investigate It! LAB: Pendulum*

B. Chapter 2: Technology and Design

1. Lesson 1 - What is technology?
 - a) *Chapter 2 Try It! LAB: Hovercraft*
2. Lesson 2 - What is the design process?
 - a) *LAB: Paper Airplanes (Model design)*
 - b) *Chapter 2 Investigate It! LAB: Boat design*



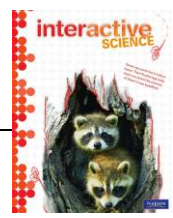
UNIT B - LIFE SCIENCE

A. Chapter 3: Plants and Animals

1. Lesson 1 - How are plants and animals classified?
 - a) *Chapter 7 Try It! LAB: Classifying flowers*
 - b) *LAB: Classifying animals*
2. Lesson 2 - How do plants reproduce?
3. Lesson 3 - How do plants make food?
 - a) *LAB: Plants react to light*
4. Lesson 4 - What are adaptations?
 - a) *LAB: Fish Swim Bladder*
5. Lesson 5 - What plant and animal characteristics are inherited?
 - a) *LAB: Environmental Effects*
6. Lesson 6 - How do animals respond to the environment?
 - a) *Chapter 3 Investigate It! LAB: Owl Pellets*

B. Chapter 4: Ecosystems

1. Lesson 1 - What are ecosystems?
 - a) *Chapter 4 Try It! LAB: Estimating Ecosystems*
2. Lesson 2 - How do living things get energy?
 - a) *LAB: Yeast*
3. Lesson 3 - What are food chains and food webs?
 - a) *LAB: Food Webs*
4. Lesson 4 - How do living things affect the environment?
 - a) *LAB: Removing one part of an Ecosystem*
5. Lesson 5 - What are fossils?
6. Lesson 6 - What can fossils tell us?
 - a) *Chapter 4 Investigate It! LAB: Earthworms*



UNIT C - EARTH SCIENCE

A. Chapter 5: Earth's Resources

1. Lesson 1 - How are minerals classified?
a) *Chapter 5 Try It! LAB: Classifying rocks and minerals*
2. Lesson 2 - How are rocks classified?
a) *LAB: Rock layers*
3. Lesson 3 - What are weathering and erosion?
a) *LAB: Rock erosion*
4. Lesson 4 - How can the Earth's surface change rapidly?
5. Lesson 5 - Where is Earth's water?
a) *LAB: Earth's water*
6. Lesson 6 - What is the water cycle?
a) *LAB: Water Cycle*
b) *Chapter 5 Investigate It! LAB: Stream steepness*

B. Chapter 6: Earth and Space

1. Lesson 1 - How does Earth move?
a) *Chapter 6 Try It! LAB: Cause of seasons*
2. Lesson 2 - How do star patterns change?
a) *LAB: Star patterns*
3. Lesson 3 - What are the phases of the moon?
a) *LAB: New Moon*
4. Lesson 4 - What is the solar system?
a) *Chapter 6 Investigate It! LAB: Orbital paths*



UNIT D - PHYSICAL SCIENCE

A. Chapter 7: Matter

1. Lesson 1 - What are the properties of matter?
a) *Chapter 7 Try It! LAB: Classifying matter*
2. Lesson 2 - How is matter measured?
a) *LAB: Dividing clay*
3. Lesson 3 - What are the phases of matter?
a) *LAB: Freezing volume*
4. Lesson 4 - What are mixtures?
5. Lesson 5 - How does matter change?
a) *LAB: Changing matter*
b) *Chapter 7 Investigate It! LAB: Steel wool*

B. Chapter 8: Energy and Heat

1. Lesson 1 - What are forms of energy?
a) *Chapter 8 Try It! LAB: Forms of Energy*
2. Lesson 2 - What is sound energy?
3. Lesson 3 - What is light energy?
a) *LAB: White light*
4. Lesson 4 - What is heat?
a) *LAB: Moving Heat*
b) *Chapter 8 Investigate It! LAB: Heat conductor*

C. Chapter 9: Electricity and Magnetism

1. Lesson 1 - What is static electricity?
a) *Chapter 9 Try It! LAB: What can electricity flow through*
b) *LAB: Static Electricity*
2. Lesson 2 - How do electric charges flow in a circuit?
a) *LAB: Complete Circuit*
3. Lesson 3 - How does electricity transfer energy?
4. Lesson 4 - What is magnetism?
a) *LAB: Make a magnet*
5. Lesson 5 - How are electricity and magnetism transformed?
a) *LAB: Transfer Energy*
b) *Chapter 9 Investigate It! LAB: Electromagnet*

D. Chapter 10: Motion

1. Lesson 1 - What is motion?
a) *Chapter 10 Try It! LAB: Measure motion*
2. Lesson 2 - What is speed?
a) *LAB: Marble speed*
b) *Chapter 10 Investigate It! LAB: Friction*