

# interactive SCIENCE

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## National Table of Content • Grade 3

### A. SCIENCE, ENGINEERING, AND TECHNOLOGY

#### Chapter 1 Inquiry and Technology Science

- Lesson 1 What questions do scientists ask?
- Lesson 2 What skills do scientists use?
- Lesson 3 How do scientists answer questions?
- Lesson 4 How do scientists communicate?
- Lesson 5 How do scientists use tools and stay safe?

#### Chapter 2 Technology and the Design Process

- Lesson 1 What is technology?
- Lesson 2 What is a machine?
- Lesson 3 What is the design process?

### B. LIFE SCIENCE

#### Chapter 3 Plants

- Lesson 1 How can you classify plants?
- Lesson 2 How do plants use sunlight to make food?
- Lesson 3 How do plants use roots and stems to grow?
- Lesson 4 How do plants use flowers and cones to reproduce?
- Lesson 5 What are the life cycles of some plants?

#### Chapter 4 Living Things

- Lesson 1 How can you classify animals?
  - Lesson 2 How are offspring like their parents?
  - Lesson 3 What are the life cycles of some animals?
- #### Chapter 5 Ecosystems
- Lesson 1 What is an ecosystem?
  - Lesson 2 How do living things get energy?
  - Lesson 3 How do ecosystems change?

### C. EARTH SCIENCE

#### Chapter 6 Earth and Weather

- Lesson 1 What is the water cycle?
- Lesson 2 How can we measure and predict weather?
- Lesson 3 What are rocks and minerals?
- Lesson 4 What is soil?
- Lesson 5 How do we describe features of Earth's surface?
- Lesson 6 What are weathering and erosion?

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## **Chapter 7 Earth and Our Universe**

- Lesson 1 What is a star?
- Lesson 2 What do you know about our solar system?
- Lesson 3 What are Earth's patterns?
- Lesson 4 What is known about the moon?

## **D. PHYSICAL SCIENCE**

### **Chapter 8 Matter**

- Lesson 1 What is matter?
- Lesson 2 What are the states of matter?
- Lesson 3 How is matter measured?

### **Chapter 9 Energy and Its Forms**

- Lesson 1 What are some forms of energy?
- Lesson 2 How does energy change form?
- Lesson 3 What are heat and light energy?
- Lesson 4 How do light and matter interact?
- Lesson 5 What is sound energy?
- Lesson 6 What is electrical energy?

### **Chapter 10 Force**

- Lesson 1 What is motion?
- Lesson 2 What is gravity?
- Lesson 3 How does force affect motion?