

**Key Education Publishing**  
**Do and Discover Science**  
**Engaging Children’s Natural Curiosity with Standard-Based Activities**

This book supports the National Science Education Standards.

**National Science Education Standards**

**This book and the activities in it support the following Science as Inquiry standards for grades K-4:**

- 1. All students should develop the ability to do scientific inquiry.** By using the My Science Plan template and Active Science instructions in this book to do the activities, students are participating in scientific inquiry.
- 2. All students should develop understanding of what scientific inquiry is.** Doing scientific inquiry as promoted in this book supports this standard.

**This book and the activities in it support the following Physical Science standards for grades K-4:**

- 1. All students should understand the properties of objects and materials.** Activities in the Amazing Air, Water Wonder, Solids and Liquids, Gases and Bubbles, The Five Senses, Watching the Weather, Magnet Magic, Sink or Float?, and Rolling Balls and Sliding Blocks chapters of this book support this standard.
- 2. All students should understand concepts related to the position and motion of objects.** Activities in the Amazing Air, Solids and Liquids, Gases and Bubbles, The Five Senses, Watching the Weather, Magnet Magic, and Rolling Balls and Sliding Blocks chapters of this book support this standard.
- 3. All students should understand concepts related to light, heat, electricity, and magnetism.** Activities in the Light and Shadows, The Five Senses, Day and Night, Watching the Weather, and Magnet Magic chapters of this book support this standard.

**This book and the activities in it support the following Life Science standards for Grades K-4:**

- 1. All students should understand the characteristics of organisms.** Activities in the The Five Senses, My Body, Bugs and Other Insects, Watching Caterpillars, and Growing Plants chapters of this book support this standard.
- 2. All students should understand the life cycles of organisms.** Activities in the Watching Caterpillars and Growing Plants chapters of this book support this standard.
- 3. All students should understand the relationship of organisms and environments.** Activities in the The Five Senses, My Body, Watching Caterpillars and Growing Plants chapters of this book support this standard.

**This book and the activities in it support the following Earth and Space Science content standards for grades K-4:**

- 1. All students should understand the properties of earth materials.** Activities in the Water Wonder, Solids and Liquids, and Watching the Weather chapters of this book support this standard.
- 2. All students should understand concepts related to objects in the sky.** Activities in the Day and Night and Watching the Weather chapters in this book support this standard.
- 3. All students should understand concepts related to changes in earth and sky.** Activities in the Day and Night and Watching the Weather chapters in this book support this standard.

**This book and the activities in it support the following Science in Personal and Social Perspectives content standards for grades K-4:**

- 1. All students should develop understanding of personal health.** The My Body chapter in this book supports this standard.