

***SRA Snapshots Simply Science™***  
**correlation to**  
**New Jersey Core Curriculum Content Standards for Science**  
**Grade 1**

*SRA Snapshots Simply Science™* consists of several components. Each level has Simply Science Video lessons (**Video**) that provide an introduction to or review of the unit science concepts. The Fiction Read Alouds (**RAF**) and Nonfiction Read Alouds (**RANF**) provide student friendly text that reinforces the science concepts in the video. The Teacher’s Idea Book (**TIB**) provides quick lesson activities and reproducible pages (**BLM**). The Vocabulary Photo Cards (**Cards**) contain engaging photos, definitions, and additional activities.

**KEY:**

<b>Reference</b>	<b>Program Component</b>
<b>Video</b>	Video lessons
<b>RAF</b>	Read Aloud - Fiction
<b>RANF</b>	Read Aloud - Nonfiction
<b>TIB</b>	Teacher’s Idea Book
<b>BLM</b>	Reproducible pages
<b>Cards</b>	Vocabulary Photo Cards

<b>SRA Snapshots Simply Science™ Grade 1</b>	
<b>Life Science Unit 1: Living Things and Their Needs</b>	
<b>Program Components</b>	<b>New Jersey Core Curriculum Content Standards for Science</b>
<b>Video</b> Living Things and Their Needs <b>RAF</b> “A Funny Frog” <b>RANF</b> “We Are Living Things” <b>TIB</b> pages 14, 15, 16, 17, 18, 19 <b>BLM</b> pages 70, 71, 72, 73, 74, 75, 76, 77, 78, 79 <b>Cards</b> 1, 2, 3, 4, 5, 6, 57, 60, 61, 63, 64, 65, 67, 68, 69, 70, 71, 72, 73, 74, 76, 77, 78, 79, 80, 81, 83, 84, 85, 86, 87, 88, 89, 90	<b>Standard 5.5: Characteristics of Life</b> <b>5.5.2 A. Matter, Energy and Organization in Living Systems</b> 1. Investigate the basic needs of humans and other organisms. 2. Compare and contrast essential characteristics that distinguish living things from nonliving things.
<b>TIB</b> page 19, Hands-On Science Activity <i>Group Living/Nonliving Things</i>	<b>Standard 5.1: Scientific Processes</b> <b>5.1.4 A. Habits of Mind.</b> 1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.  <b>5.1.4 B. Inquiry and Problem Solving</b> 2. Identify the evidence used in an explanation.
<b>SRA Snapshots Simply Science™ Grade 1</b>	
<b>Life Science Unit 2: Learning About Plants</b>	
<b>Program Components</b>	<b>New Jersey Core Curriculum Content Standards for Science</b>
<b>Video</b> Learning About Plants <b>RAF</b> “Which Way to Sprout?” <b>RANF</b> “Plants Are Living Things” <b>TIB</b> pages 20, 21, 22, 23, 24, 25 <b>BLM</b> pages 80, 81, 82, 83, 84, 85, 86, 87, 88, 89 <b>Cards</b> 7, 8, 9, 10, 11, 12, 55, 56, 69, 81, 84, 87, 88	<b>Standard 5.5: Characteristics of Life</b> <b>5.5.2 A. Matter, Energy and Organization in Living Systems</b> 1. Investigate the basic needs of humans and other organisms. 2. Compare and contrast essential characteristics that distinguish living things from nonliving things.  <b>Standard 5.10: Environmental Studies</b> <b>5.10.2 A. Natural Systems and Interactions</b> 1. Associate organisms’ basic needs with how they meet those needs within their surroundings.

<b>Life Science Unit 2 (continued)</b>	
<b>Program Components</b>	<b>New Jersey Core Curriculum Content Standards for Science</b>
TIB page 25, Hands-On Science Activity <i>Looking at Plant Parts</i>	<b>Standard 5.1: Scientific Processes</b> <b>5.1.4 A. Habits of Mind.</b> 1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.  <b>5.1.4 B. Inquiry and Problem Solving</b> 2. Identify the evidence used in an explanation.
<b>SRA Snapshots Simply Science™ Grade 1</b>	
<b>Life Science Unit 3: Habitats Are Everywhere</b>	
<b>Program Components</b>	<b>New Jersey Core Curriculum Content Standards for Science</b>
<b>Video</b> Habitats Are Everywhere <b>RAF</b> “A Home for Maggie” <b>RANF</b> “A Habitat Is a Home” <b>TIB</b> pages 26, 27, 28, 29, 30, 31 <b>BLM</b> pages 90, 91, 92, 93, 94, 95, 96, 97, 98, 99 <b>Cards</b> 13, 14, 15, 16, 17, 18, 19, 58, 62, 66, 75, 82	<b>Standard 5.5: Characteristics of Life</b> <b>5.5.2 B. Diversity and Biological Evolution</b> 1. Recognize that different types of plants and animals live in different parts of the world.  <b>Standard 5.10: Environmental Studies</b> <b>5.10.2 A. Natural Systems and Interactions</b> 1. Associate organisms’ basic needs with how they meet those needs within their surroundings.
TIB page 31, Hands-On Science Activity <i>Habitat Mobiles</i>	<b>Standard 5.1: Scientific Processes</b> <b>5.1.4 A. Habits of Mind.</b> 1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.
<b>SRA Snapshots Simply Science™ Grade 1</b>	
<b>Earth Science Unit 4: Learning About Earth’s Surface</b>	
<b>Program Components</b>	<b>New Jersey Core Curriculum Content Standards for Science</b>
<b>Video</b> Learning About Earth’s Surface <b>RAF</b> “A Big Difference” <b>RANF</b> “Earth’s Many Resources” <b>TIB</b> pages 32, 33, 34, 35, 36, 37 <b>BLM</b> pages 100, 101, 102, 103, 104, 105, 106, 107, 108, 109 <b>Cards</b> 19, 20, 21, 22, 23, 24, 85, 90	<b>Standard 5.8: Earth Science</b> <b>5.8.2 A. Earth’s Properties and Materials</b> 1. Observe and describe rocks and soil.  <b>5.8.2 B. Atmosphere and Water</b> 1. Identify the sources and uses of water.  <b>5.8.2 D. How We Study the Earth</b> 1. Record observations that describe the features of the natural world in their local environment.
TIB page 37 Hands-On Science Activity <i>What Comes from Earth’s Surface?</i>	<b>Standard 5.1: Scientific Processes</b> <b>5.1.4 A. Habits of Mind.</b> 1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation. 2. Keep records that describe observations, carefully distinguish actual observations from ideas and speculations, and are understandable weeks and months later.  <b>5.1.4 B. Inquiry and Problem Solving</b> 2. Identify the evidence used in an explanation.

**SRA Snapshots Simply Science™ Grade 1**

**Earth Science Unit 5: Weather on Earth**

**Program Components**

**New Jersey Core Curriculum Content Standards for Science**

**Video** Weather on Earth  
**RAF** “A Leaf’s Story”  
**RANF** “All About Weather!”  
**TIB** pages 38, 39, 40, 41, 42, 43  
**BLM** pages 110, 111, 112, 113, 114, 115, 116, 117, 118, 119  
**Cards** 25, 26, 27, 28, 29, 30, 53, 63, 73, 86

**5.8.2 B. Atmosphere and Water**  
2. Recognize that water can disappear (evaporate) and collect on cold surfaces (condense).  
3. Describe current weather conditions and recognize how those conditions affect our lives.  
4. Describe daily and seasonal changes and patterns in the weather.

**TIB** page 43, Hands-On Science Activity *Seasons*

**Standard 5.1: Scientific Processes**  
**5.1.4 A. Habits of Mind.**  
1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.  
**5.1.4 B. Inquiry and Problem Solving**  
2. Identify the evidence used in an explanation.  
**5.1.4 C. Safety**  
2. Understand and practice safety procedure for conducting science investigations.

**SRA Snapshots Simply Science™ Grade 1**

**Earth Science Unit 6: Earth in Space**

**Program Components**

**New Jersey Core Curriculum Content Standards for Science**

**Video** Earth in Space  
**RAF** “The Mysterious Moon”  
**RANF** “Look Up!”  
**TIB** pages 44, 45, 46, 47, 48, 49  
**BLM** pages 120, 121, 122, 123, 124, 125, 126, 127, 128, 129  
**Cards** 31, 32, 33, 34, 35, 36, 86

**Standard 5.9: Astronomy and Space Science**  
**5.9.2 A. Earth, Moon, Sun System**  
1. Recognize that the sun supplies light and heat to the Earth.  
2. Observe the patterns of day and night and the movements of the shadows of an object on the Earth during the course of a day.  
**5.9.2 B. Solar System**  
1. Recognize that the sun can only be seen during the day, but the moon can be seen sometimes at night and sometimes during the day.  
**5.9.2 C. Stars**  
1. Observe that stars are many, scattered, and different brightness.

**TIB** page 49, Hands-On Science Activity *Modeling Moon Phases*

**Standard 5.1: Scientific Processes**  
**5.1.4 A. Habits of Mind.**  
1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.  
2. Keep records that describe observations, carefully distinguish actual observations from ideas and speculations, and are understandable weeks and months later.  
**5.1.4 C. Safety**  
2. Understand and practice safety procedure for conducting science investigations.

**SRA Snapshots Simply Science™ Grade 1**  
**Physical Science Unit 7: Properties of Matter**

<b>Program Components</b>	<b>New Jersey Core Curriculum Content Standards for Science</b>
<b>Video</b> Properties of Matter <b>RAF</b> “What’s the Matter?” <b>RANF</b> “Matter All Around” <b>TIB</b> pages 50, 51, 52, 53, 54, 55 <b>BLM</b> pages 130, 131, 132, 133, 134, 135, 136, 137, 138, 139 <b>Cards</b> 37, 38, 39, 40, 41, 42, 73, 90	<b>Standard 5.6: Chemistry</b> <b>5.6.2 A. Structure and Properties of Matter</b> 1. Sort objects according to the materials from which they are made or their physical properties, and give a rationale for sorting. 3. Observe that water can be a liquid or a solid and can change from one form to the other.
<b>TIB</b> page 55, Hands-On Science Activity <i>Making Mixtures</i>	<b>Standard 5.1: Scientific Processes</b> <b>5.1.4 A. Habits of Mind.</b> 1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation. 2. Keep records that describe observations, carefully distinguish actual observations from ideas and speculations, and are understandable weeks and months later.  <b>5.1.4 C. Safety</b> 2. Understand and practice safety procedure for conducting science investigations.

**SRA Snapshots Simply Science™ Grade 1**  
**Physical Science Unit 8: Learning About Forces**

<b>Program Components</b>	<b>New Jersey Core Curriculum Content Standards for Science</b>
<b>Video</b> Learning About Forces <b>RAF</b> “Queen of the Hill” <b>RANF</b> “Pushes and Pulls” <b>TIB</b> pages 56, 57, 58, 59, 60, 61 <b>BLM</b> pages 140, 141, 142, 143, 144, 145, 146, 147, 148, 149 <b>Cards</b> 43, 44, 45, 46, 47, 48	<b>Standard 5.7: Physics</b> <b>5.7.2 A. Motion and Forces</b> 1. Distinguish among the different ways objects can move such as: <ul style="list-style-type: none"> <li>• Fast and slow;</li> <li>• In a straight line;</li> <li>• In a circular path; and</li> <li>• Back and forth.</li> </ul> 2. Show that the position and motion of an object can be changed by pushing or pulling the object.
<b>TIB</b> page 61, Hands-On Science Activity <i>Big and Small Pushes</i>	<b>Standard 5.1: Scientific Processes</b> <b>5.1.4 A. Habits of Mind.</b> 1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation. 2. Keep records that describe observations, carefully distinguish actual observations from ideas and speculations, and are understandable weeks and months later.  <b>5.1.4 B. Inquiry and Problem Solving</b> 2. Identify the evidence used in an explanation.

**SRA Snapshots Simply Science™ Grade 1**  
**Physical Science Unit 9: Heat, Light, and Sound**

<b>Program Components</b>	<b>New Jersey Core Curriculum Content Standards for Science</b>
<b>Video</b> Heat, Light, and Sound <b>RAF</b> “The Energy Challenge” <b>RANF</b> “Energy All Around” <b>TIB</b> pages 62, 63, 64, 65, 66, 67 <b>BLM</b> pages 150, 151, 152, 153, 154, 155, 156, 157, 158, 159 <b>Cards</b> 49, 50, 51, 52, 53, 54, 70, 79	<b>Standard 5.7: Physics</b> <b>5.7.2 B. Energy Transformations</b> 1. Demonstrate that sound can be produced by vibrating objects.

<b>Physical Science Unit 9 (continued)</b>	
<b>Program Components</b>	<b>New Jersey Core Curriculum Content Standards for Science</b>
TIB page 67, Hands-On Science Activity <i>Investigating Sound</i>	<b>Standard 5.1: Scientific Processes</b> <b>5.1.4 A. Habits of Mind.</b> 1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.  <b>5.1.4 C. Safety</b> 2. Understand and practice safety procedure for conducting science investigations.

***SRA Snapshots Simply Science™***  
**correlation to**  
**New Jersey Core Curriculum Content Standards for Science**  
**Grade 2**

*SRA Snapshots Simply Science™* consists of several components. Each level has Simply Science Video lessons (**Video**) that provide an introduction to or review of the unit science concepts. The Fiction Read Alouds (**RAF**) and Nonfiction Read Alouds (**RANF**) provide student friendly text that reinforces the science concepts in the video. The Teacher’s Idea Book (**TIB**) provides quick lesson activities and reproducible pages (**BLM**). The Vocabulary Photo Cards (**Cards**) contain engaging photos, definitions, and additional activities.

**KEY:**

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<b>RANF</b>	Read Aloud - Nonfiction
<b>TIB</b>	Teacher’s Idea Book
<b>BLM</b>	Reproducible pages
<b>Cards</b>	Vocabulary Photo Cards

<b>SRA Snapshots Simply Science™ Grade 2</b>	
<b>Life Science Unit 1: Organisms Are Living Things</b>	
<b>Program Components</b>	<b>New Jersey Core Curriculum Content Standards for Science</b>
<b>Video</b> Organisms Are Living Things <b>RAF</b> “The Brave Beaver” <b>RANF</b> “Organisms Are Alive” <b>TIB</b> pages 14, 15, 16, 17, 18, 19 <b>BLM</b> pages 70, 71, 72, 73, 74, 75, 76, 77, 78, 79 <b>Cards</b> 1, 2, 3, 4, 5, 6, 7, 8, 11, 55, 57, 59, 62, 64, 65, 70, 72, 73, 80, 83, 87, 88	<b>Standard 5.5: Characteristics of Life</b> <b>5.5.2 A. Matter, Energy and Organization in Living Systems</b> 1. Investigate the basic needs of humans and other organisms.  <b>Standard 5.10: Environmental Studies</b> <b>5.10.2 A. Natural Systems and Interactions</b> 1. Associate organisms’ basic needs with how they meet those needs within their surroundings.
<b>TIB</b> page 19, Hands-On Science Activity <i>Grouping Animals</i>	<b>Standard 5.1: Scientific Processes</b> <b>5.1.4 A. Habits of Mind.</b> 1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.  <b>5.1.4 B. Inquiry and Problem Solving</b> 2. Identify the evidence used in an explanation.  <b>5.1.4 C. Safety</b> 2. Understand and practice safety procedure for conducting science investigations.
<b>SRA Snapshots Simply Science™ Grade 1</b>	
<b>Life Science Unit 2: Learning About Animals</b>	
<b>Program Components</b>	<b>New Jersey Core Curriculum Content Standards for Science</b>
<b>Video</b> Learning About Animals <b>RAF</b> “Fun in the Rain Forest” <b>RANF</b> “Animals Are Living Things” <b>TIB</b> pages 20, 21, 22, 23, 24, 25 <b>BLM</b> pages 80, 81, 82, 83, 84, 85, 86, 87, 88, 89 <b>Cards</b> 7, 8, 9, 10, 11, 12, 55, 57, 59, 61, 62, 64, 70, 72, 80, 83, 87, 88	<b>Standard 5.5: Characteristics of Life</b> <b>5.5.2 C. Reproduction and Heredity</b> 1. Recognize that humans and other organisms resemble their parents.

**Life Science Unit 2 (continued)****Program Components****New Jersey Core Curriculum Content Standards for Science**

TIB page 25, Hands-On Science  
Activity *Modeling a Life Cycle*

**Standard 5.1: Scientific Processes****5.1.4 A. Habits of Mind.**

1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.

**5.1.4 B. Inquiry and Problem Solving**

2. Identify the evidence used in an explanation.

**SRA Snapshots Simply Science™ Grade 2****Life Science Unit 3: Ecosystems All Around****Program Components****New Jersey Core Curriculum Content Standards for Science**

Video Ecosystems All Around  
RAF “A Remarkable River”  
RANF “Ecosystems in Action”  
TIB pages 26, 27, 28, 29, 30, 31  
BLM pages 90, 91, 92, 93, 94, 95,  
96, 97, 98, 99  
Cards 7, 8, 11, 13, 14, 15, 16, 17,  
18, 55, 57, 59, 62, 64, 65, 67, 70, 72,  
73, 76, 80, 83, 87, 88

**Standard 5.10: Environmental Studies****5.10.2 A. Natural Systems and Interactions**

1. Associate organisms’ basic needs with how they meet those needs within their surroundings.

TIB page 31, Hands-On Science  
Activity *Caterpillar Camouflage*

**Standard 5.1: Scientific Processes****5.1.4 A. Habits of Mind.**

1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.

**5.1.4 B. Inquiry and Problem Solving**

2. Identify the evidence used in an explanation.

**SRA Snapshots Simply Science™ Grade 2****Earth Science Unit 4: Earth’s Natural Resources****Program Components****New Jersey Core Curriculum Content Standards for Science**

Video Earth’s Natural Resources  
RAF “The Missing Rock”  
RANF “Digging in the Dirt”  
TIB pages 32, 33, 34, 35, 36, 37  
BLM pages 100, 101, 102, 103,  
104, 105, 106, 107, 108, 109  
Cards 19, 20, 21, 22, 23, 24, 78, 79,  
82, 89

**Standard 5.8: Earth Science****5.8.2 A. Earth’s Properties and Materials**

1. Observe and describe rocks and soil.

**5.8.2 D. How We Study the Earth**

1. Record observations that describe the features of the natural world in their local environment.

TIB page 37, Hands-On Science  
Activity *Hand-Made Fossils*

**Standard 5.1: Scientific Processes****5.1.4 A. Habits of Mind.**

1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.

**5.1.4 B. Inquiry and Problem Solving**

2. Identify the evidence used in an explanation.

**5.1.4 C. Safety**

2. Understand and practice safety procedure for conducting science investigations.

**SRA Snapshots Simply Science™ Grade 2****Earth Science Unit 5: Weather and Water****Program Components****New Jersey Core Curriculum Content Standards for Science**

**Video** Weather and Water  
**RAF** “Felicia and the Four Seasons”  
**RANF** “All About Weather!”  
**TIB** pages 38, 39, 40, 41, 42, 43  
**BLM** pages 110, 111, 112, 113, 114, 115, 116, 117, 118, 119  
**Cards** 25, 26, 27, 28, 29, 30, 41, 60, 66, 75, 81, 85, 90

**5.8.2 B. Atmosphere and Water**  
 1. Identify the sources and uses of water.  
 2. Recognize that water can disappear (evaporate) and collect on cold surfaces (condense).  
 3. Describe current weather conditions and recognize how those conditions affect our lives.  
 4. Describe daily and seasonal changes and patterns in the weather.

**5.8.2 D. How We Study the Earth**  
 1. Record observations that describe the features of the natural world in their local environment.

**TIB** page 43, Hands-On Science Activity *What Can the Wind Blow?*

**Standard 5.1: Scientific Processes**  
**5.1.4 A. Habits of Mind.**  
 1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.  
 2. Keep records that describe observations, carefully distinguish actual observations from ideas and speculations, and are understandable weeks and months later.

**5.1.4 B. Inquiry and Problem Solving**  
 2. Identify the evidence used in an explanation.

**5.1.4 C. Safety**  
 2. Understand and practice safety procedure for conducting science investigations.

**Standard 5.3: Mathematical Applications**  
**5.3.4 A. Numerical Operations**  
 1. Determine the reasonableness of estimates, measurements, and computations of quantities when doing science.

**5.3.4. B. Geometry and Measurement**  
 2. Use a variety of measuring instruments and record measured quantities using the appropriate units.

**SRA Snapshots Simply Science™ Grade 2****Earth Science Unit 6: Learning About Space****Program Components****New Jersey Core Curriculum Content Standards for Science**

**Video** Learning About Space  
**RAF** “Janie’s Space Journey”  
**RANF** “Earth in Space”  
**TIB** pages 44, 45, 46, 47, 48, 49  
**BLM** pages 120, 121, 122, 123, 124, 125, 126, 127, 128, 129  
**Cards** 31, 32, 33, 34, 35, 36, 86

**Standard 5.9: Astronomy and Space Science**  
**5.9.2 A. Earth, Moon, Sun System**  
 1. Recognize that the sun supplies light and heat to the Earth.  
 2. Observe the patterns of day and night and the movements of the shadows of an object on the Earth during the course of a day.

**5.9.2 B. Solar System**  
 1. Recognize that the sun can only be seen during the day, but the moon can be seen sometimes at night and sometimes during the day.

**5.9.2 C. Stars**  
 1. Observe that stars are many, scattered, and different brightness.  
 2. Observe that the position of the stars, with respect to each other (constellations) is unchanging.



**Earth Science Unit 6 (continued)****Program Components****New Jersey Core Curriculum Content Standards for Science**

TIB page 49, Hands-On Science  
Activity *Stars in the Day Time*

**Standard 5.1: Scientific Processes****5.1.4 A. Habits of Mind.**

1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.

**5.1.4 B. Inquiry and Problem Solving**

2. Identify the evidence used in an explanation.

**SRA Snapshots Simply Science™ Grade 2****Physical Science Unit 7: Characteristics of Matter****Program Components****New Jersey Core Curriculum Content Standards for Science**

Video Characteristics of Matter  
RAF “Irene’s Exploration”  
RANF “All About Matter”  
TIB pages 50, 51, 52, 53, 54, 55  
BLM pages 130, 131, 132, 133,  
134, 135, 136, 137, 138, 139  
Cards 37, 38, 39, 40, 41, 42, 66, 89

**Standard 5.6: Chemistry****5.6.2 A. Structure and Properties of Matter**

1. Sort objects according to the materials from which they are made or their physical properties, and give a rationale for sorting.

3. Observe that water can be a liquid or a solid and can change from one form to the other.

TIB page 55, Hands-On Science  
Activity *How Much Liquid?*

**Standard 5.1: Scientific Processes****5.1.4 A. Habits of Mind.**

1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.

**5.1.4 B. Inquiry and Problem Solving**

2. Identify the evidence used in an explanation.

**5.1.4 C. Safety**

2. Understand and practice safety procedure for conducting science investigations.

**Standard 5.3: Mathematical Applications****5.3.4 A. Numerical Operations**

1. Determine the reasonableness of estimates, measurements, and computations of quantities when doing science.

**5.3.4. B. Geometry and Measurement**

2. Use a variety of measuring instruments and record measured quantities using the appropriate units.

**SRA Snapshots Simply Science™ Grade 2****Physical Science Unit 8: Forces and Motion****Program Components****New Jersey Core Curriculum Content Standards for Science**

Video Forces and Motion  
RAF “Carlos’s Skateboard”  
RANF “Motion, Magnets, and  
More!”  
TIB pages 56, 57, 58, 59, 60, 61  
BLM pages 140, 141, 142, 143,  
144, 145, 146, 147, 148, 149  
Cards 43, 44, 45, 46, 47, 48, 71

**Standard 5.7: Physics****5.7.2 A. Motion and Forces**

1. Distinguish among the different ways objects can move such as:

- Fast and slow;
- In a straight line;
- In a circular path; and
- Back and forth.

2. Show that the position and motion of an object can be changed by pushing or pulling the object.

**Physical Science Unit 8 (continued)**

<b>Program Components</b>	<b>New Jersey Core Curriculum Content Standards for Science</b>
<p><b>TIB</b> page 61, Hands-On Science Activity <i>Magnets</i></p>	<p><b>Standard 5.1: Scientific Processes</b>  <b>5.1.4 A. Habits of Mind.</b>                      1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.                      2. Keep records that describe observations, carefully distinguish actual observations from ideas and speculations, and are understandable weeks and months later.</p> <p><b>5.1.4 B. Inquiry and Problem Solving</b>                      2. Identify the evidence used in an explanation.</p>

**SRA Snapshots Simply Science™ Grade 2  
Physical Science Unit 9: Energy Is Everywhere**

<b>Program Components</b>	<b>New Jersey Core Curriculum Content Standards for Science</b>
<p><b>Video</b> Energy Is Everywhere  <b>RAF</b> “The Low-Energy Band”  <b>RANF</b> “All About Energy”  <b>TIB</b> pages 62, 63, 64, 65, 66, 67  <b>BLM</b> pages 150, 151, 152, 153, 154, 155, 156, 157, 158, 159  <b>Cards</b> 49, 50, 51, 52, 53, 54, 63</p>	<p><b>Standard 5.7: Physics</b>  <b>5.7.2 B. Energy Transformations</b>                      1. Demonstrate that sound can be produced by vibrating objects.</p>
<p><b>TIB</b> page 67, Hands-On Science Activity <i>Heat Energy</i></p>	<p><b>Standard 5.1: Scientific Processes</b>  <b>5.1.4 A. Habits of Mind.</b>                      1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.</p> <p><b>5.1.4 B. Inquiry and Problem Solving</b>                      2. Identify the evidence used in an explanation.</p> <p><b>5.1.4 C. Safety</b>                      2. Understand and practice safety procedure for conducting science investigations.</p>