

***SRA Snapshots Simply Science™***  
**correlation to**  
**Mississippi Science Framework**  
**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>Mississippi Science Framework</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, 55, 56, 57, 64, 67, 68, 69, 71, 72, 76, 80, 81, 83, 84, 87, 88	This topic is not covered in the <b>Grade 1 Mississippi Science Framework</b> however it aligns with <b>National Science Education Content Standard C:</b>  <b>Life Science</b> —Students should develop an understanding of the characteristics of organisms, life cycles of organisms, and organisms and environments.
<b>SRA Snapshots Simply Science™ Grade 1</b>	
<b>Life Science Unit 2: Learning About Plants</b>	
<b>Program Components</b>	<b>Mississippi Science Framework</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>1. Explore the basic patterns of living systems. (L)</b> <b>a.</b> Examine the function of plant parts. <b>c.</b> Observe and sequence the life cycles of plants, insects, and animals.

**SRA Snapshots Simply Science™ Grade 1**  
**Life Science Unit 3: Habitats Are Everywhere**

**Program Components**

**Mississippi Science Framework**

**Video** Habitats Are Everywhere  
**RAF** “A Home for Maggie”  
**RANF** “A Habitat Is a Home”  
**TIB** pages 26, 27, 28, 29, 30, 31  
**BLM** pages 90, 91, 92, 93, 94, 95, 96, 97, 98, 99  
**Cards** 13, 14, 15, 16, 17, 18, 19, 66, 75, 82

**2. Investigate the diversity of living things. (L, P)**  
**b.** Identify plants and animals indigenous to Mississippi.  
**c.** Compare plants and animals in Mississippi with those found in the jungle, desert and arctic regions.

**SRA Snapshots Simply Science™ Grade 1**  
**Earth Science Unit 4: Learning About Earth’s Surface**

**Program Components**

**Mississippi Science Framework**

**Video** Learning About Earth’s Surface  
**RAF** “A Big Difference”  
**RANF** “Earth’s Many Resources”  
**TIB** pages 32, 33, 34, 35, 36, 37  
**BLM** pages 100, 101, 102, 103, 104, 105, 106, 107, 108, 109  
**Cards** 13, 16, 19, 20, 21, 22, 23, 24, 66, 75, 82, 85

**5. Discover the diversity of the Earth’s surface. (E)**  
**a.** Identify features of the Earth’s surface such as mountains, lakes, oceans, and rivers.  
**7. Investigate how environmental concerns relate to the quality of life. (E)**  
**a.** Examine pollution and how recycling helps the environment.  
**b.** Identify ways to reduce the amount of wastes thrown away.

**SRA Snapshots Simply Science™ Grade 1**  
**Earth Science Unit 5: Weather on Earth**

**Program Components**

**Mississippi Science Framework**

**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

**6. Explore changes that occur in the Earth’s atmosphere. (E)**  
**a.** Record, graph, and compare weather differences including sunshine, clouds, rain, wind, and snow.  
**b.** Identify the environmental changes that occur with the seasons.

**SRA Snapshots Simply Science™ Grade 1**  
**Earth Science Unit 6: Earth in Space**

**Program Components**

**Mississippi Science Framework**

**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, 89

**3. Identify and describe daily changes in the sky. (E, P)**  
**a.** Describe the changing position of the sun in the daytime sky.  
**b.** Describe the changing position of the stars in the nighttime sky.  
**c.** Describe the changing position of the moon in the sky.  
**d.** Identify day and night as parts of a cycle or regular change.  
**4. Examine the structure of the solar system. (E, P)**  
**a.** Name the nine planets.  
**b.** Identify the sun as the major source of energy.

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

<b>Program Components</b>	<b>Mississippi Science Framework</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, 63, 73, 90	<b>8. Examine the different types of observable and measurable changes that matter can undergo. (P)</b> <b>a.</b> Observe and discuss the transformation of solids, liquids, and gases. <b>b.</b> Identify solids, liquids, and gases as states of matter. <b>c.</b> Compare/contrast objects according to size, shape, color, texture, and use.

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

<b>Program Components</b>	<b>Mississippi Science Framework</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>8. Examine the different types of observable and measurable changes that matter can undergo. (P)</b> <b>d.</b> Manipulate magnets to demonstrate the interaction of magnets and other objects.  <b>9. Explore the concept of length, weight, temperature, and capacity/volume using nonstandard and standard (English and metric) units of measurement.</b> <b>a.</b> Use nonstandard (paper clips, unifix cubes) and standard (inches, centimeters) units to explore length.

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

<b>Program Components</b>	<b>Mississippi Science Framework</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> 36, 49, 50, 51, 52, 53, 54, 59, 65, 70, 79, 89	This topic is not covered in the <b>Grade 1 Mississippi Science Framework</b> however it aligns with <b>National Science Education Content Standard B:</b>  <b>Physical Science</b> —Students should develop an understanding of properties of objects and materials, position and motion of objects, and light, heat, electricity, and magnetism.  <i>See also Grade 2.</i> <b>9. Investigate the properties of color, heat, and light. (P)</b> <b>a.</b> Demonstrate light and heat as forms of energy. <b>c.</b> Demonstrate how sound travels through different media (wood, plastics, water, air).

***SRA Snapshots Simply Science™***  
**correlation to**  
**Mississippi Science Framework**  
**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:**

<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 2</b>	
<b>Life Science Unit 1: Organisms Are Living Things</b>	
<b>Program Components</b>	<b>Mississippi Science Framework</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, 9, 10, 11, 12, 55, 57, 59, 61, 62, 64, 65, 70, 72, 73, 80, 83, 87, 88	<b>2. Research the diversity and interaction of living things. (L)</b> <b>b.</b> Compare and contrast physical and behavioral characteristics of different species.
<b>SRA Snapshots Simply Science™ Grade 2</b>	
<b>Life Science Unit 2: Learning About Animals</b>	
<b>Program Components</b>	<b>Mississippi Science Framework</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>2. Research the diversity and interaction of living things. (L)</b> <b>b.</b> Compare and contrast physical and behavioral characteristics of different species. <b>d.</b> Classify animals in vertebrate categories (fish, bird, mammal, amphibian, and reptile).

**SRA Snapshots Simply Science™ Grade 2**  
**Life Science Unit 3: Ecosystems All Around**

<b>Program Components</b>	<b>Mississippi Science Framework</b>
<b>Video</b> Ecosystems All Around <b>RAF</b> “A Remarkable River” <b>RANF</b> “Ecosystems in Action” <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, 67, 76, 77	<b>1. Explore the functions and systems of living things. (L)</b> <b>a.</b> Explain how plants are used as a food source by living organisms and relate this to the food chain.  <b>2. Research the diversity and interaction of living things. (L)</b> <b>c.</b> Analyze the suitability of different environments in meeting the needs of plants and animals.

**SRA Snapshots Simply Science™ Grade 2**  
**Earth Science Unit 4: Earth’s Natural Resources**

<b>Program Components</b>	<b>Mississippi Science Framework</b>
<b>Video</b> Earth’s Natural Resources <b>RAF</b> “The Missing Rock” <b>RANF</b> “Digging in the Dirt” <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, 78, 79, 82, 89	<b>5. Recognize the diversity of the Earth’s composition. (E)</b> <b>b.</b> Discover and explore the characteristics of various earth materials such as clay, silt, sand, pebbles, and gravel.  <b>7. Investigate how environmental concerns relate to the quality of life. (E)</b> <b>b.</b> Observe the benefits of composting to the community.

**SRA Snapshots Simply Science™ Grade 2**  
**Earth Science Unit 5: Weather and Water**

<b>Program Components</b>	<b>Mississippi Science Framework</b>
<b>Video</b> Weather and Water <b>RAF</b> “Felicia and the Four Seasons” <b>RANF</b> “All About Weather!” <b>TIB</b> pages 38, 39, 40, 41, 42, 43 <b>BLM</b> pages 110, 111, 112, 113, 114, 115, 116, 117, 118, 119 <b>Cards</b> 25, 26, 27, 28, 29, 30, 41, 60, 66, 75, 81, 85, 89, 90	<b>6. Analyze changes that occur in the Earth’s atmosphere. (E)</b> <b>a.</b> Introduce the water cycle.

**SRA Snapshots Simply Science™ Grade 2**  
**Earth Science Unit 6: Learning About Space**

<b>Program Components</b>	<b>Mississippi Science Framework</b>
<b>Video</b> Learning About Space <b>RAF</b> “Janie’s Space Journey” <b>RANF</b> “Earth in Space” <b>TIB</b> pages 44, 45, 46, 47, 48, 49 <b>BLM</b> pages 120, 121, 122, 123, 124, 125, 126, 127, 128, 129 <b>Cards</b> 31, 32, 33, 34, 35, 36, 86	<b>3. Explore the structure of the Solar System. (E)</b> <b>a.</b> List and describe the nine planets in order. <b>b.</b> Identify the sun as a star.  <b>4. Identify and describe weekly and monthly changes in the sky. (E)</b> <b>a.</b> Describe the apparent shapes of the moon from week to week. <b>b.</b> Identify the moon’s phases as part of a cycle of regular change.

**SRA Snapshots Simply Science™ Grade 2**  
**Physical Science Unit 7: Characteristics of Matter**

<b>Program Components</b>	<b>Mississippi Science Framework</b>
<b>Video</b> Characteristics of Matter <b>RAF</b> “Irene’s Exploration” <b>RANF</b> “All About Matter” <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, 56, 66, 89	<b>8. Predict and explore the effects of forces and energy on matter. (P)</b> <b>a.</b> Introduce and discuss the concept that matter takes up space. <b>b.</b> Classify solids, liquids, and gases as states of matter according to their characteristics. <b>c.</b> Determine the properties of the states of matter by experimenting.  <b>10. Determine length, mass, weight, and capacity/volume using the appropriate standard (English and metric) units of measurements. (L, E, P)</b> <b>a.</b> Use appropriate tools and terms to explore measurement. <b>b.</b> Estimate and measure length, mass, weight, and capacity/volume using standard units of measurement (inch, foot, yard, centimeter, meter, ounce, pound, gram, kilogram, cup, pint, quart, and liter).

**SRA Snapshots Simply Science™ Grade 2**  
**Physical Science Unit 8: Forces and Motion**

<b>Program Components</b>	<b>Mississippi Science Framework</b>
<b>Video</b> Forces and Motion <b>RAF</b> “Carlos’s Skateboard” <b>RANF</b> “Motion, Magnets, and More!” <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, 71	<b>8. Predict and explore the effects of forces and energy on matter. (P)</b> <b>d.</b> Manipulate magnets to show that they are only attracted to certain metals.

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

<b>Program Components</b>	<b>Mississippi Science Framework</b>
<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> 41, 49, 50, 51, 52, 53, 54, 69, 84, 86	<b>9. Investigate the properties of color, heat, and light. (P)</b> <b>a.</b> Demonstrate light and heat as forms of energy.