SRA Snapshots Simply Science™
correlation to
Arkansas Science Curriculum 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:

Reference	Program Component
Video	Video lessons
RAF	Read Aloud - Fiction
RANF	Read Aloud - Nonfiction
TIB	Teacher's Idea Book
BLM	Reproducible pages
Cards	Vocabulary Photo Cards

SRA Snapshots Simply Science™ Grade 1 **Life Science Unit 1: Living Things and Their Needs**	
Program Components	**Arkansas Science Curriculum Framework**
Video Living Things and Their Needs **RAF** "A Funny Frog" **RANF** "We Are Living Things" **TIB** pages 14, 15, 16, 17, 18, 19 **BLM** pages 70, 71, 72, 73, 74, 75, 76, 77, 78, 79 **Cards** 1, 2, 3, 4, 5, 6, 57, 64, 67, 68, 71, 72, 76, 80, 83	**Strand 2: Life Science** **Standard 2: Living Systems: Characteristics, Structure, and Function** **Characteristics** **LS.2.1.1** Classify animals according to common characteristics (e.g., movement, body coverings, diet).
TIB page 19, Hands-On Science Activity *Group Living/Nonliving Things*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **NS.1.1.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs. **NS.1.1.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities. **NS.1.1.8** Apply appropriate rules of safety related to daily activities.
SRA Snapshots Simply Science™ Grade 1 **Life Science Unit 2: Learning About Plants**	
Program Components	**Arkansas Science Curriculum Framework**
Video Learning About Plants **RAF** "Which Way to Sprout?" **RANF** "Plants Are Living Things" **TIB** pages 20, 21, 22, 23, 24, 25 **BLM** pages 80, 81, 82, 83, 84, 85, 86, 87, 88, 89 **Cards** 7, 8, 9, 10, 11, 12, 55, 56, 69, 81, 84, 87, 88	**Strand 2: Life Science** **Standard 2: Living Systems: Characteristics, Structure, and Function** **Structure and Function** **LS.2.1.4** Locate plant parts: • Leaves • Stems • Flowers • Roots.

Life Science Unit 2 (continued)	
Program Components	**Arkansas Science Curriculum Framework**
TIB page 25, Hands-On Science Activity *Looking at Plant Parts*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **NS.1.1.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs. **NS.1.1.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities. **NS.1.1.8** Apply appropriate rules of safety related to daily activities.

SRA Snapshots Simply Science™ Grade 1 Life Science Unit 3: Habitats Are Everywhere	
Program Components	**Arkansas Science Curriculum 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	This topic is not covered in the **Grade 1 Arkansas Science Curriculum Framework,** however it aligns with **National Science Education Content Standard C:** **Life Science—**Students should develop an understanding of the characteristics of organisms, life cycles of organisms, and organisms and environments. ***See* Grade 2:** **Strand 1: Nature of Science** **Standard 4: Populations and Ecosystems** **LS.4.2.2** Describe characteristics of various habitats.
TIB page 31, Hands-On Science Activity *Habitat Mobiles*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **NS.1.1.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs. **NS.1.1.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities.

SRA Snapshots Simply Science™ Grade 1 Earth Science Unit 4: Learning About Earth's Surface	
Program Components	**Arkansas Science Curriculum 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** 19, 20, 21, 22, 23, 24, 85, 90	***See* Grade 2.** **Strand 4: Earth and Space Science** **Standard 8: Earth Systems: Structure and Properties** **Properties of the Earth** **ESS.8.2.1** Conduct investigations to distinguish among the following components of soil: • Clay • Sand • Silt • Humus.
TIB page 37 Hands-On Science Activity *What Comes from Earth's Surface?*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **NS.1.1.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs. **NS.1.1.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities. **NS.1.1.8** Apply appropriate rules of safety related to daily activities.

SRA Snapshots Simply Science™ Grade 1 Earth Science Unit 5: Weather on Earth	
Program Components	**Arkansas Science Curriculum 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	**Strand 4: Earth and Space Science** **Standard 8: Earth Systems: Structure and Properties** **Weather** **ESS.8.1.3** Chart weather conditions every day. **ESS.8.1.4** Identify the sequence of seasons. **ESS.8.1.6** Read a Celsius thermometer as a class.
TIB page 43, Hands-On Science Activity *Seasons*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **NS.1.1.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs. **NS.1.1.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities. **NS.1.1.8** Apply appropriate rules of safety related to daily activities.

SRA Snapshots Simply Science™ Grade 1 Earth Science Unit 6: Earth in Space	
Program Components	**Arkansas Science Curriculum 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	**Strand 4: Earth and Space Science** **Standard 10: Objects in the Universe** **Solar System** **ESS.10.1.1** Illustrate the sequence of planets in the solar system. ***See also* Grade 2.** **Strand 4: Earth and Space Science** **Standard 10: Objects in the Universe** **Solar System** **ESS.10.2.1** Illustrate four moon phases: • Full • Half • Crescent • New. **ESS.10.2.2** Model the movement of Earth and its moon. **ESS.10.2.3** Contrast the visibility of the sun and moon.
TIB page 49, Hands-On Science Activity *Modeling Moon Phases*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **NS.1.1.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs. **NS.1.1.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities. **NS.1.1.8** Apply appropriate rules of safety related to daily activities.

SRA Snapshots Simply Science™ Grade 1 Physical Science Unit 7: Properties of Matter	
Program Components	**Arkansas Science Curriculum Framework**
Video Properties of Matter **RAF** "What's the Matter?" **RANF** "Matter All Around" **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, 73, 90	**Strand 3: Physical Science** **Standard 5: Matter: Properties and Changes** **Physical Properties** **PS.5.1.1** Compare and contrast objects according to the single properties of: • Size • Color • Shape • Texture • Magnetism. **States of Matter** **PS.5.1.2** Identify characteristics of solids and liquids.
TIB page 55, Hands-On Science Activity *Making Mixtures*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **NS.1.1.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs. **NS.1.1.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities. **NS.1.1.6** Make predictions as a class in teams based upon empirical evidence (e.g., predict which object is heavier). **NS.1.1.8** Apply appropriate rules of safety related to daily activities.

SRA Snapshots Simply Science™ Grade 1 Physical Science Unit 8: Learning About Forces	
Program Components	**Arkansas Science Curriculum Framework**
Video Learning About Forces **RAF** "Queen of the Hill" **RANF** "Pushes and Pulls" **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	**Strand 3: Physical Science** **Standard 6: Motion and Forces** **Motion and Forces** **PS.6.1.1** List orally the various ways that objects can move, including but not limited to: • Straight • Zig-zag • Back and forth • Round and round • Fast and slow.
TIB page 61, Hands-On Science Activity *Big and Small Pushes*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **NS.1.1.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs. **NS.1.1.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities. **NS.1.1.4** Estimate and measure length and temperature using International System of Units (SI) as a class.

SRA Snapshots Simply Science™ Grade 1 Physical Science Unit 9: Heat, Light, and Sound	
Program Components	**Arkansas Science Curriculum Framework**
Video Heat, Light, and Sound **RAF** "The Energy Challenge" **RANF** "Energy All Around" **TIB** pages 62, 63, 64, 65, 66, 67 **BLM** pages 150, 151, 152, 153, 154, 155, 156, 157, 158, 159 **Cards** 36, 49, 50, 51, 52, 53, 54, 59, 65	**Strand 3: Physical Science** **Standard 7: Energy and Transfer of Energy** **Light** **PS.7.1.1** Compare natural sources of light (e.g., sun, fireflies, deep sea creatures, fire, lightning) to artificial sources of light (e.g., light bulbs, matches, candles). **Heat** **PS.7.1.3** Compare natural sources of heat (e.g., sun, fire, lightning) to artificial sources of heat (e.g., stove, toaster).
TIB page 67, Hands-On Science Activity *Investigating Sound*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **NS.1.1.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs. **NS.1.1.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities. **NS.1.1.8** Apply appropriate rules of safety related to daily activities.

SRA Snapshots Simply Science™
correlation to
Arkansas Science Curriculum 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:

Reference	Program Component
Video	Video lessons
RAF	Read Aloud - Fiction
RANF	Read Aloud - Nonfiction
TIB	Teacher's Idea Book
BLM	Reproducible pages
Cards	Vocabulary Photo Cards

SRA Snapshots Simply Science™ Grade 2 **Life Science Unit 1: Organisms Are Living Things**	
Program Components	**Arkansas Science Curriculum Framework**
Video Organisms Are Living Things **RAF** "The Brave Beaver" **RANF** "Organisms Are Alive" **TIB** pages 14, 15, 16, 17, 18, 19 **BLM** pages 70, 71, 72, 73, 74, 75, 76, 77, 78, 79 **Cards** 1, 2, 3, 4, 5, 6, 7, 8, 11, 55, 57, 59, 62, 64, 70, 72, 80, 83, 87, 88	**Strand 2: Life Science** **Standard 2: Living Systems: Characteristics, Structure, and Function** **Characteristics** **LS.2.2.1** Classify animals into major groups according to their structure: • Mammals • Birds • Fish. **LS.2.2.3** Identify basic needs of most plants: • Nutrients • Water • Light • Air • Temperature • Space.
TIB page 19, Hands-On Science Activity *Grouping Animals*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **Inquiry and Process Skills** **NS.1.2.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs • Venn diagrams • Bar graphs. **NS.1.2.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities. **Scientific Equipment and Technology** **NS.1.2.8** Apply lab safety rules as they relate to specific lab activities.

SRA Snapshots Simply Science™ Grade 2 Life Science Unit 2: Learning About Animals	
Program Components	**Arkansas Science Curriculum Framework**
Video Learning About Animals **RAF** "Fun in the Rain Forest: **RANF** "Animals Are Living Things" **TIB** pages 20, 21, 22, 23, 24, 25 **BLM** pages 80, 81, 82, 83, 84, 85, 86, 87, 88, 89 **Cards** 7, 8, 9, 10, 11, 12, 55, 57, 59, 61, 62, 64, 70, 72, 80, 83, 87, 88	**Strand 2: Life Science** **Standard 2: Living Systems: Characteristics, Structure, and Function** **Characteristics** **LS.2.2.1** Classify animals into major groups according to their structure: • Mammals • Birds • Fish. **Standard 3: Life Cycles, Reproduction, and Heredity** **Life Cycles** **LS.3.2.2** Compare and contrast embryonic development and incomplete metamorphosis.
TIB page 25, Hands-On Science Activity *Modeling a Life Cycle*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **Inquiry and Process Skills** **NS.1.2.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs • Venn diagrams • Bar graphs. **NS.1.2.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities.

SRA Snapshots Simply Science™ Grade 2 Life Science Unit 3: Ecosystems All Around	
Program Components	**Arkansas Science Curriculum Framework**
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** 13, 14, 15, 16, 17, 18, 55, 57, 59, 62, 64, 67, 70, 72, 76, 80, 83, 87, 88	**Strand 2: Life Science** **Standard 2: Living Systems: Characteristics, Structure, and Function** **Characteristics** **LS.2.2.2** Differentiate among herbivores, carnivores, and omnivores. **Strand 1: Nature of Science** **Standard 4: Populations and Ecosystems** **LS.4.2.2** Describe characteristics of various habitats.
TIB page 31, Hands-On Science Activity *Caterpillar Camouflage*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **Inquiry and Process Skills** **NS.1.2.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs • Venn diagrams • Bar graphs. **NS.1.2.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities.

SRA Snapshots Simply Science™ Grade 2 Earth Science Unit 4: Earth's Natural Resources	
Program Components	**Arkansas Science Curriculum Framework**
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	**Strand 4: Earth and Space Science** **Standard 8: Earth Systems: Structure and Properties** **Properties of the Earth** **ESS.8.2.1** Conduct investigations to distinguish among the following components of soil: • Clay • Sand • Silt • Humus. **ESS.8.2.2** Recognize and discuss the different properties of soil: • Color • Texture • Ability to retain water • Ability to support plant growth. **Natural Resources** **ESS.8.2.4** Identify products derived from natural resources.
TIB page 37, Hands-On Science Activity *Hand-Made Fossils*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **Inquiry and Process Skills** **NS.1.2.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs • Venn diagrams • Bar graphs. **NS.1.2.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities. **Scientific Equipment and Technology** **NS.1.2.8** Apply lab safety rules as they relate to specific lab activities.

SRA Snapshots Simply Science™ Grade 2 Earth Science Unit 5: Weather and Water	
Program Components	**Arkansas Science Curriculum Framework**
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	**Strand 4: Earth and Space Science** **Standard 8: Earth Systems: Structure and Properties** **Weather** **ESS.8.2.5** Chart weather conditions every day. **ESS.8.2.8** Predict weather based on cloud type. **ESS.8.2.9** Read a Celsius thermometer as a class.

Earth Science Unit 5 (continued)	
Program Components	**Arkansas Science Curriculum Framework**
TIB page 43, Hands-On Science Activity *What Can the Wind Blow?*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **Inquiry and Process Skills** **NS.1.2.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs • Venn diagrams • Bar graphs. **NS.1.2.3** Conduct scientific investigations and in teams: • Lab activities • Field activities. **NS.1.2.4** Estimate and measure length and temperature using International System of Units (SI). **NS.1.2.5** Collect measurable empirical evidence in teams and as individuals. **Scientific Equipment and Technology** **NS.1.2.7** Use age appropriate equipment and tools in scientific investigations (e.g., balances, hand lenses, rulers, and thermometers). **NS.1.2.8** Apply lab safety rules as they relate to specific lab activities.
SRA Snapshots Simply Science™ Grade 2 **Earth Science Unit 6: Learning About Space**	
Program Components	**Arkansas Science Curriculum Framework**
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	**Strand 4: Earth and Space Science** **Standard 10: Objects in the Universe** **Solar System** **ESS.10.2.1** Illustrate four moon phases: • Full • Half • Crescent • New. **ESS.10.2.2** Model the movement of Earth and its moon. **ESS.10.2.3** Contrast the visibility of the sun and moon.
TIB page 49, Hands-On Science Activity *Stars in the Day Time*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **Inquiry and Process Skills** **NS.1.2.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs • Venn diagrams • Bar graphs. **NS.1.2.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities.

SRA Snapshots Simply Science™ Grade 2 Physical Science Unit 7: Characteristics of Matter	
Program Components	**Arkansas Science Curriculum Framework**
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	**Strand 3: Physical Science** **Standard 5: Matter: Properties and Changes** **Physical Properties** **PS.5.2.1** Classify objects based on two or more properties. **PS.5.2.2** Investigate the effect of physical phenomena on various materials (e.g., heat absorption by different colored materials).
TIB page 55, Hands-On Science Activity *How Much Liquid?*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **Inquiry and Process Skills** **NS.1.2.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs • Venn diagrams • Bar graphs. **NS.1.2.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities. **NS.1.2.5** Collect measurable empirical evidence in teams and as individuals. **Scientific Equipment and Technology** **NS.1.2.7** Use age appropriate equipment and tools in scientific investigations (e.g., balances, hand lenses, rulers, and thermometers). **NS.1.2.8** Apply lab safety rules as they relate to specific lab activities.

SRA Snapshots Simply Science™ Grade 2 Physical Science Unit 8: Forces and Motion	
Program Components	**Arkansas Science Curriculum Framework**
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	**Strand 3: Physical Science** **Standard 5: Matter: Properties and Changes** **Physical Properties** **PS.5.2.1** Classify objects based on two or more properties. **PS.5.2.2** Investigate the effect of physical phenomena on various materials (e.g., heat absorption by different colored materials). **Strand 3: Physical Science** **Standard 6: Motion and Forces** **Motion and Forces** **PS.6.2.1** Investigate the relationship between force and motion. ***See also* Grade 1.** **Strand 3: Physical Science** **Standard 7: Energy and Transfer of Energy** **Magnetism** **PS.7.1.6** Classify materials as magnetic or nonmagnetic. **PS.7.1.7** Investigate the properties of magnets: • Attraction • Repulsion.

Physical Science Unit 8 (continued)	
Program Components	**Arkansas Science Curriculum Framework**
TIB page 61, Hands-On Science Activity *Magnets*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **Inquiry and Process Skills** **NS.1.2.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs • Venn diagrams • Bar graphs. **NS.1.2.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities. **Scientific Equipment and Technology** **NS.1.2.7** Use age appropriate equipment and tools in scientific investigations (e.g., balances, hand lenses, rulers, and thermometers).
SRA Snapshots Simply Science™ Grade 2 **Physical Science Unit 9: Energy Is Everywhere**	
Program Components	**Arkansas Science Curriculum Framework**
Video Energy Is Everywhere **RAF** "The Low-Energy Band" **RANF** "All About Energy **TIB** pages 62, 63, 64, 65, 66, 67 **BLM** pages 150, 151, 152, 153, 154, 155, 156, 157, 158, 159 **Cards** 49, 50, 51, 52, 53, 54, 69, 84	**Strand 3: Physical Science** **Standard 7: Energy and Transfer of Energy** **Electricity** **PS.7.2.3** Demonstrate methods of using electricity to produce light, heat, and sound.
TIB page 67, Hands-On Science Activity *Heat Energy*	**Strand 1: Nature of Science** **Standard 1: Characteristics and Processes of Science** **Inquiry and Process Skills** **NS.1.2.1** Communicate observations orally, in writing, and in graphic organizers: • T-charts • Pictographs • Venn diagrams • Bar graphs. **NS.1.2.3** Conduct scientific investigations individually and in teams: • Lab activities • Field activities. **Scientific Equipment and Technology** **NS.1.2.8** Apply lab safety rules as they relate to specific lab activities.