

SRA Snapshots Simply Science™
correlation to
Nevada Science Standards
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	Nevada Science Standards
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, 69, 71, 72, 76, 80, 81, 83, 84, 87, 88	Structure of Life (Life Science Unifying Concept B) L.2.B Students understand that living things have identifiable characteristics. L.2.B.1 Students know humans and other animals use their senses to know their world. E/S Organisms and Their Environment (Life Science Unifying Concept C) L.2.C Students understand that living things live in different places. L.2.C.1 Students know plants and animals need certain resources for energy and growth. E/S L.2.C.2 Students know a habitat includes food, water, shelter and space. E/S
TIB page 19, Hands-On Science Activity Group <i>Living/Nonliving Things</i>	Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S

SRA Snapshots Simply Science™ Grade 1
Life Science Unit 2: Learning About Plants

Program Components	Nevada Science Standards
<p>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</p>	<p>Structure of Life (Life Science Unifying Concept B) L.2.B Students understand that living things have identifiable characteristics. L.2.B.1 Students know humans and other animals use their senses to know their world. E/S</p> <p>Organisms and Their Environment (Life Science Unifying Concept C) L.2.C Students understand that living things live in different places. L.2.C.1 Students know plants and animals need certain resources for energy and growth. E/S</p> <p>Diversity of Life (Life Science Unifying Concept D) L.2.D Students understand that there are many kinds of living things on Earth. L.2.D.1 Students know plants and animals can be sorted by observable characteristics and behaviors. E/S</p>
<p>TIB page 25, Hands-On Science Activity <i>Looking at Plant Parts</i></p>	<p>Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S</p>

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

Program Components	Nevada Science Standards
<p>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</p>	<p>Organisms and Their Environment (Life Science Unifying Concept C) L.2.C Students understand that living things live in different places. L.2.C.1 Students know plants and animals need certain resources for energy and growth. E/S L.2.C.2 Students know a habitat includes food, water, shelter and space. E/S L.2.C.3 Students know living things are found almost everywhere in the world. E/S</p>
<p>TIB page 31, Hands-On Science Activity <i>Habitat Mobiles</i></p>	<p>Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S</p>

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

Program Components	Nevada Science Standards
<p>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 16, 19, 20, 21, 22, 23, 24, 82, 85</p>	<p>Earth’s Composition and Structure (Earth and Space Science Unifying Concept C) E.2.C Students understand that Earth materials include rocks, soils, and water. E.2.C.1 Students know Earth is composed of different kinds of materials (e.g., rocks, soils, and water). E/S E.2.C.2 Students know rocks come in many sizes and shapes, with various textures and colors. E/S E.2.C.3 Students know soils have different colors or textures depending on their composition. E/S</p>

Earth Science Unit 4 (continued)

Program Components	Nevada Science Standards
TIB page 37 Hands-On Science Activity <i>What Comes from Earth’s Surface?</i>	Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S Science, Technology and Society (Nature of Science Unifying Concept B) N.2.B Students understand that many people contribute to the field of science. N.2.B.2 Students know that, in science, it is helpful to work in a team and share findings with others. E/L

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

Program Components	Nevada Science Standards
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	Atmospheric Processes and the Water Cycle (Earth and Space Science Unifying Concept A) E.2.A Students understand that changes in weather often involve water changing from one state to another. E.2.A.1 Students know the Sun is a source of heat and light. E/S E.2.A.2 Students know water on Earth can be a liquid (rain) or a solid (snow and ice), and can go back and forth from one form to the other. E/S E.2.A.3 Students know weather changes from day to day and seasonally. I/S E.2.A.4 Students know weather can be described by measurable quantities such as temperature, wind direction and speed, and precipitation. I/L
TIB page 43, Hands-On Science Activity <i>Seasons</i>	Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S N.2.A.3 Students know observable patterns can be used to predict future events or sort items. E/S

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

Program Components	Nevada Science Standards
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	Atmospheric Processes and the Water Cycle (Earth and Space Science Unifying Concept A) E.2.A Students understand that changes in weather often involve water changing from one state to another. E.2.A.1 Students know the Sun is a source of heat and light. E/S Solar System and Universe (Earth and Space Science Unifying Concept B) E.2.B Students understand that there are objects in the sky, which display patterns. E.2.B.1 Students know objects in the sky display patterns in how they look, where they are located, and how they move. I/S E.2.B.2 Students know the Sun rises every day, and the Moon can rise during the day and/or the night. E/S E.2.B.3 Students know the Sun and Moon appear to move across the sky. I/L E.2.B.4 Students know the Moon appears to change shape over the course of a month. I/L

Earth Science Unit 6 (continued)

Program Components	Nevada Science Standards
TIB page 49, Hands-On Science Activity <i>Modeling Moon p Phases</i>	<p>Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S N.2.A.3 Students know observable patterns can be used to predict future events or sort items. E/S</p>

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

Program Components	Nevada Science Standards
<p>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, 63, 73, 90</p>	<p>Matter (Physical Science Unifying Concept A) P.2.A Students understand that matter has observable properties. P.2.A.1 Students know matter can exist as solids and as liquids. E/S P.2.A.2 Students know some properties of materials can be changed by heating, freezing, mixing, cutting, or bending. E/S P.2.A.3 Students know matter can be categorized by observable properties, such as color, size, shape, and weight. E/S P.2.A.4 Students know different objects are made of many different types of materials. E/S</p>
TIB page 55, Hands-On Science Activity <i>Making Mixtures</i>	<p>Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S</p>

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

Program Components	Nevada Science Standards
<p>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</p>	<p>Forces and Motion (Physical Science Unifying Concept B) P.2.B Students understand that position and motion of objects can be described. P.2.B.1 Students know the position and motion of an object can be changed by pushing or pulling. E/S P.2.B.2 Students know things move in different ways and at different speeds (e.g., straight line, zigzag, vibration, circular motion, fast/slow). E/S P.2.B.3 Students know magnets can be used to make some things move without being touched. E/S P.2.B.4 Students know things fall to the ground unless something holds them up. E/S</p>
TIB page 61, Hands-On Science Activity <i>Big and Small Pushes</i>	<p>Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S N.2.A.2 Students know tools can be used safely to gather data and extend the senses. I/L</p> <p>Science, Technology and Society (Nature of Science Unifying Concept B) N.2.B Students understand that many people contribute to the field of science. N.2.B.2 Students know that, in science, it is helpful to work in a team and share findings with others. E/L</p>

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

Program Components	Nevada Science Standards
<p>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, 70, 79</p>	<p>Atmospheric Processes and the Water Cycle (Earth and Space Science Unifying Concept A) E.2.A Students understand that changes in weather often involve water changing from one state to another. E.2.A.1 Students know the Sun is a source of heat and light. E/S</p> <p>Energy (Physical Science Unifying Concept C) P.2.C Students know heat, light, and sound can be produced. P.2.C.1 Students know sound is produced by vibrating objects. I/L P.2.C.2 Students know objects can be described as hot or cold relative to another object. I/L</p>
<p>TIB page 67, Hands-On Science Activity <i>Investigating Sound</i></p>	<p>Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S</p>

SRA Snapshots Simply Science™
correlation to
Nevada Science Standards
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	Nevada Science Standards
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, 9, 10, 11, 12, 55, 57, 59, 61, 62, 64, 65, 70, 72, 73, 80, 83, 87, 88	Heredity (Life Science Unifying Concept A) L.2.A Students understand that offspring resemble their parents. L.2.A.1 Students know animals and plants have offspring that are similar to their parents. E/S Organisms and Their Environment (Life Science Unifying Concept C) L.2.C Students understand that living things live in different places. L.2.C.1 Students know plants and animals need certain resources for energy and growth. E/S Diversity of Life (Life Science Unifying Concept D) L.2.D Students understand that there are many kinds of living things on Earth. L.2.D.1 Students know plants and animals can be sorted by observable characteristics and behaviors. E/S
TIB page 19, Hands-On Science Activity <i>Grouping Animals</i>	Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S N.2.A.3 Students know observable patterns can be used to predict future events or sort items. E/S

SRA Snapshots Simply Science™ Grade 2
Life Science Unit 2: Learning About Animals

Program Components	Nevada Science Standards
<p>Video Learning About Animals RAF “Fun in the Rain Forest: 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</p>	<p>Heredity (Life Science Unifying Concept A) L.2.A Students understand that offspring resemble their parents. L.2.A.1 Students know animals and plants have offspring that are similar to their parents. E/S</p> <p>Organisms and Their Environment (Life Science Unifying Concept C) L.2.C Students understand that living things live in different places. L.2.C.1 Students know plants and animals need certain resources for energy and growth. E/S</p> <p>Diversity of Life (Life Science Unifying Concept D) L.2.D Students understand that there are many kinds of living things on Earth. L.2.D.1 Students know plants and animals can be sorted by observable characteristics and behaviors. E/S</p>
<p>TIB page 25, Hands-On Science Activity <i>Modeling a Life Cycle</i></p>	<p>Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S N.2.A.3 Students know observable patterns can be used to predict future events or sort items. E/S</p>

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

Program Components	Nevada Science Standards
<p>Video Ecosystems All Around RAF “A Remarkable River” RAF “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, 67, 76, 77</p>	<p>Organisms and Their Environment (Life Science Unifying Concept C) L.2.C Students understand that living things live in different places. L.2.C.1 Students know plants and animals need certain resources for energy and growth. E/S L.2.C.2 Students know a habitat includes food, water, shelter and space. E/S L.2.C.3 Students know living things are found almost everywhere in the world. E/S</p>
<p>TIB page 31, Hands-On Science Activity <i>Caterpillar Camouflage</i></p>	<p>Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S</p>

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

Program Components	Nevada Science Standards
<p>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</p>	<p>Earth’s Composition and Structure (Earth and Space Science Unifying Concept C) E.2.C Students understand that Earth materials include rocks, soils, and water. E.2.C.1 Students know Earth is composed of different kinds of materials (e.g., rocks, soils, and water). E/S E.2.C.2 Students know rocks come in many sizes and shapes, with various textures and colors. E/S E.2.C.3 Students know soils have different colors or textures depending on their composition. E/S</p> <p>Diversity of Life (Life Science Unifying Concept D) L.2.D Students understand that there are many kinds of living things on Earth. L.2.D.2 Students know some plants and animals are extinct. E/S</p>
<p>TIB page 37, Hands-On Science Activity <i>Hand-Made Fossils</i></p>	<p>Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S</p>

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

Program Components	Nevada Science Standards
<p>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</p>	<p>Atmospheric Processes and the Water Cycle (Earth and Space Science Unifying Concept A) E.2.A Students understand that changes in weather often involve water changing from one state to another. E.2.A.1 Students know the Sun is a source of heat and light. E/S E.2.A.2 Students know water on Earth can be a liquid (rain) or a solid (snow and ice), and can go back and forth from one form to the other. E/S E.2.A.3 Students know weather changes from day to day and seasonally. I/S E.2.A.4 Students know weather can be described by measurable quantities such as temperature, wind direction and speed, and precipitation. I/L</p>
<p>TIB page 43, Hands-On Science Activity <i>What Can the Wind Blow?</i></p>	<p>Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S N.2.A.2 Students know tools can be used safely to gather data and extend the senses. I/L</p>

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

Program Components	Nevada Science Standards
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	Solar System and Universe (Earth and Space Science Unifying Concept B) E.2.B Students understand that there are objects in the sky, which display patterns. E.2.B.1 Students know objects in the sky display patterns in how they look, where they are located, and how they move. I/S E.2.B.2 Students know the Sun rises every day, and the Moon can rise during the day and/or the night. E/S E.2.B.3 Students know the Sun and Moon appear to move across the sky. I/L E.2.B.4 Students know the Moon appears to change shape over the course of a month. I/L
TIB page 49, Hands-On Science Activity <i>Stars in the Day Time</i>	Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S

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

Program Components	Nevada Science Standards
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, 56, 66, 89	Matter (Physical Science Unifying Concept A) P.2.A Students understand that matter has observable properties. P.2.A.1 Students know matter can exist as solids and as liquids. E/S P.2.A.2 Students know some properties of materials can be changed by heating, freezing, mixing, cutting, or bending. E/S P.2.A.3 Students know matter can be categorized by observable properties, such as color, size, shape, and weight. E/S P.2.A.4 Students know different objects are made of many different types of materials. E/S
TIB page 55, Hands-On Science Activity <i>How Much Liquid?</i>	Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S N.2.A.2 Students know tools can be used safely to gather data and extend the senses. I/L

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

Program Components	Nevada Science Standards
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	Forces and Motion (Physical Science Unifying Concept B) P.2.B Students understand that position and motion of objects can be described. P.2.B.1 Students know the position and motion of an object can be changed by pushing or pulling. E/S P.2.B.2 Students know things move in different ways and at different speeds (e.g., straight line, zigzag, vibration, circular motion, fast/slow). E/s P.2.B.3 Students know magnets can be used to make some things move without being touched. E/S P.2.B.4 Students know things fall to the ground unless something holds them up. E/S

Physical Science Unit 8 (continued)

Program Components	Nevada Science Standards
<p>TIB page 61, Hands-On Science Activity <i>Magnets</i></p>	<p>Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S N.2.A.2 Students know tools can be used safely to gather data and extend the senses. I/L</p>

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

Program Components	Nevada Science Standards
<p>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 41, 49, 50, 51, 52, 53, 54, 63, 69, 84, 86</p>	<p>Atmospheric Processes and the Water Cycle (Earth and Space Science Unifying Concept A) E.2.A Students understand that changes in weather often involve water changing from one state to another. E.2.A.1 Students know the Sun is a source of heat and light. E/S</p> <p>Energy (Physical Science Unifying Concept C) P.2.C Students know heat, light, and sound can be produced. P.2.C.1 Students know sound is produced by vibrating objects. I/L P.2.C.2 Students know objects can be described as hot or cold relative to another object. I/L</p>
<p>TIB page 67, Hands-On Science Activity <i>Heat Energy</i></p>	<p>Scientific Inquiry (Nature of Science Unifying Concept A) N.2.A Students understand that science is an active process of systematically examining the natural world. N.2.A.1 Students know how to make observations and give descriptions using words, numbers, and drawings. E/S</p>