SRA Snapshots Simply Science™ correlation to Arkansas Science Curriculum Framework Grade 1

SRA Snapshots Simply ScienceTM 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,	 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).
71, 72, 76, 80, 83 TIB page 19, Hands-On Science Activity <i>Group Living/Nonliving</i> <i>Things</i>	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 Scien Life Science Unit 2: Learning Program Components	nce TM Grade 1
Video Learning About Plants RAF "Which Way to Sprout?" RANF "Plants Are Living Things"	Strand 2: Life Science Standard 2: Living Systems: Characteristics, Structure, and Function Structure and Function

LS.2.1.4 Locate plant parts:

Leaves

Stems

Roots.

Flowers

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TIB pages 20, 21, 22, 23, 24, 25

86, 87, 88, 89

81.84.87.88

BLM pages 80, 81, 82, 83, 84, 85,

Cards 7, 8, 9, 10, 11, 12, 55, 56, 69,

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:	Life Science Unit 2 (continued	I)	
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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 TM Grade 1 Life Science Unit 3: Habitats Are Everywhere Program Components Arkansas Science Curriculum Framework, however it aligns with National Science Education Content Standard C: RAF "A Hone for Maggie" This topic is not covered in the Grade 1 Arkansas Science Curriculum Framework, however it aligns with National Science Education Content Standard C: RAM "A Hone for Maggie" This topic is not covered in the Grade 1 Arkansas Science Curriculum Framework, however it aligns with National Science Education Content Standard C: RAM "A Hone for Maggie" See Grade 2: Strand 1: Nature of Science Standard 1: Characteristics of various habitats. See Grade 2: Strand 1: Nature of Science Nativity 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: • Field activities. SRA Snapshots Simply Science TM Grade 1 Earth Science Unit 4: Learning About Earth's Surface Program Components Arkansas Science Curriculum Framework Video Learning About Earth's Surface Strand 4: Characteristics of Program Science Standard 8: Chave Science Standard 8: Lab activities.			
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NS.1.1.3 Conduct scientific investigations individually and in teams:			
Lab activities		· · ·	
 Third environment 			
 Field activities. NS.1.1.8 Apply appropriate rules of safety related to daily activities. 			

SRA Snapshots Simply ScienceTM correlation to Arkansas Science Curriculum Framework Grade 1, page 2

SRA Snapshots Simply Scien	ce TM Grade 1	
	Earth Science Unit 5: Weather on Earth	
Program Components	Arkansas Science Curriculum Framework	
Video Weather on Earth	Strand 4: Earth and Space Science	
RAF "A Leaf's Story"	Standard 8: Earth Systems: Structure and Properties	
RANF "All About Weather!"	Weather	
TIB pages 38, 39, 40, 41, 42, 43	ESS.8.1.3 Chart weather conditions every day.	
BLM pages 110, 111, 112, 113,	ESS.8.1.4 Identify the sequence of seasons.	
114, 115, 116, 117, 118, 119	ESS.8.1.6 Read a Celsius thermometer as a class.	
Cards 25, 26, 27, 28, 29, 30, 53, 63,		
73, 86		
TIB page 43, Hands-On Science	Strand 1: Nature of Science	
Activity Seasons	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 Scien	ce TM Grade 1	
Earth Science Unit 6: Earth in	1 Space	
Program Components	Arkansas Science Curriculum Framework	
Video Earth in Space	Strand 4: Earth and Space Science	
RAF "The Mysterious Moon"	Standard 10: Objects in the Universe	
RANF "Look Up!"	Solar System	
TIB pages 44, 45, 46, 47, 48, 49	ESS.10.1.1 Illustrate the sequence of planets in the solar system.	
BLM pages 120, 121, 122, 123,		
124, 125, 126, 127, 128, 129	See also Grade 2.	
Cards 31, 32, 33, 34, 35, 36, 86	Strand 4: Earth and Space Science	
Cards 31, 32, 33, 34, 35, 36, 86	Standard 10: Objects in the Universe	
Cards 31, 32, 33, 34, 35, 36, 86	Standard 10: Objects in the Universe Solar System	
Cards 31, 32, 33, 34, 35, 36, 86	Standard 10: Objects in the Universe Solar System ESS.10.2.1 Illustrate four moon phases:	
Cards 31, 32, 33, 34, 35, 36, 86	Standard 10: Objects in the Universe Solar System	
Cards 31, 32, 33, 34, 35, 36, 86	Standard 10: Objects in the Universe Solar System ESS.10.2.1 Illustrate four moon phases: • Full • Half	
Cards 31, 32, 33, 34, 35, 36, 86	Standard 10: Objects in the Universe Solar System ESS.10.2.1 Illustrate four moon phases: • Full	
Cards 31, 32, 33, 34, 35, 36, 86	Standard 10: Objects in the Universe Solar System ESS.10.2.1 Illustrate four moon phases: • Full • Half • Crescent • New.	
Cards 31, 32, 33, 34, 35, 36, 86	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.	
	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	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. Strand 1: Nature of 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. Strand 1: Nature of Science Standard 1: Characteristics and Processes of Science	
TIB page 49, Hands-On 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. 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:	
TIB page 49, Hands-On 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. 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	
TIB page 49, Hands-On 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. 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.	
TIB page 49, Hands-On 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. 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:	
TIB page 49, Hands-On 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. 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	
TIB page 49, Hands-On 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. 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:	

Physical Science Unit 7: Pro Program Components	Arkansas Science Curriculum Framework
0 1	
Video Properties of Matter RAF "What's the Matter?"	Strand 3: Physical Science
	Standard 5: Matter: Properties and Changes
RANF "Matter All Around" TIB pages 50, 51, 52, 53, 54, 55	Physical Properties PS 5 1 1 Compare and contrast chiests according to the single properties of
BLM pages 130, 131, 132, 133,	PS.5.1.1 Compare and contrast objects according to the single properties of:
134, 135, 136, 137, 138, 139	• Size
Cards 37, 38, 39, 40, 41, 42, 73, 90	Color
Carus 57, 56, 57, 40, 41, 42, 75, 70	Shape
	• Texture
	• Magnetism.
	States of Matter
	PS.5.1.2 Identify characteristics of solids and liquids.
TIB page 55, Hands-On Science	Strand 1: Nature of Science
Activity Making Mixtures	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).
	predict which object is heavier). NS.1.1.8 Apply appropriate rules of safety related to daily activities.
SRA Snapshots Simply Scie	NS.1.1.8 Apply appropriate rules of safety related to daily activities.
	NS.1.1.8 Apply appropriate rules of safety related to daily activities. nce TM Grade 1
Physical Science Unit 8: Lea	NS.1.1.8 Apply appropriate rules of safety related to daily activities. nce TM Grade 1
Physical Science Unit 8: Lea Program Components Video Learning About Forces	NS.1.1.8 Apply appropriate rules of safety related to daily activities. ence TM Grade 1 arning About Forces Arkansas Science Curriculum Framework Strand 3: Physical Science
Physical Science Unit 8: Lea Program Components Video Learning About Forces RAF "Queen of the Hill"	NS.1.1.8 Apply appropriate rules of safety related to daily activities. ence TM Grade 1 arning About Forces Arkansas Science Curriculum Framework Strand 3: Physical Science Standard 6: Motion and Forces
Physical Science Unit 8: Lea Program Components Video Learning About Forces RAF "Queen of the Hill" RANF "Pushes and Pulls"	NS.1.1.8 Apply appropriate rules of safety related to daily activities. mce TM Grade 1 Imming About Forces Arkansas Science Curriculum Framework Strand 3: Physical Science Standard 6: Motion and Forces Motion and Forces
Physical Science Unit 8: Lea Program Components Video Learning About Forces RAF "Queen of the Hill" RANF "Pushes and Pulls" TIB pages 56, 57, 58, 59, 60, 61	NS.1.1.8 Apply appropriate rules of safety related to daily activities. ence TM Grade 1 arning About Forces Arkansas Science Curriculum Framework Strand 3: Physical Science Standard 6: Motion and Forces
Physical Science Unit 8: Lea Program Components 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,	NS.1.1.8 Apply appropriate rules of safety related to daily activities. mce TM Grade 1 Imming About Forces Arkansas Science Curriculum Framework Strand 3: Physical Science Standard 6: Motion and Forces Motion and Forces
Physical Science Unit 8: Lea Program Components 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	NS.1.1.8 Apply appropriate rules of safety related to daily activities. mce TM Grade 1 Imming About Forces Arkansas Science Curriculum Framework 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
Physical Science Unit 8: Lea Program Components 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	NS.1.1.8 Apply appropriate rules of safety related to daily activities. mce TM Grade 1 ming About Forces Arkansas Science Curriculum Framework 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
Physical Science Unit 8: Lea Program Components 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	NS.1.1.8 Apply appropriate rules of safety related to daily activities. Ince TM Grade 1 Inning About Forces Arkansas Science Curriculum Framework 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
Physical Science Unit 8: Lea Program Components 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	NS.1.1.8 Apply appropriate rules of safety related to daily activities. INCOMPTONE INTERPORT Arkansas Science Curriculum Framework 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
Physical Science Unit 8: Lea Program Components 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	NS.1.1.8 Apply appropriate rules of safety related to daily activities. Ince TM Grade 1 Inning About Forces Arkansas Science Curriculum Framework 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
Physical Science Unit 8: Lea Program Components 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	NS.1.1.8 Apply appropriate rules of safety related to daily activities. Ince TM Grade 1 Imming About Forces Arkansas Science Curriculum Framework 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
Physical Science Unit 8: Lea Program Components 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 TIB page 61, Hands-On Science	NS.1.1.8 Apply appropriate rules of safety related to daily activities. Ince TM Grade 1 Imming About Forces Arkansas Science Curriculum Framework 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. Strand 1: Nature of Science Standard 1: Characteristics and Processes of Science
SRA Snapshots Simply Scie Physical Science Unit 8: Lea Program Components 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 TIB page 61, Hands-On Science Activity <i>Big and Small Pushes</i>	NS.1.1.8 Apply appropriate rules of safety related to daily activities. Ince TM Grade 1 Imming About Forces Arkansas Science Curriculum Framework 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. Strand 1: Nature of Science
Physical Science Unit 8: Lea Program Components 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 TIB page 61, Hands-On Science	NS.1.1.8 Apply appropriate rules of safety related to daily activities. nce™ Grade 1 Imming About Forces Arkansas Science Curriculum Framework 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. 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
Physical Science Unit 8: Lea Program Components 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 TIB page 61, Hands-On Science	NS.1.1.8 Apply appropriate rules of safety related to daily activities. Ince TM Grade 1 Imming About Forces Arkansas Science Curriculum Framework 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. 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:
Physical Science Unit 8: Lea Program Components 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 TIB page 61, Hands-On Science	NS.1.1.8 Apply appropriate rules of safety related to daily activities. nce™ Grade 1 Imming About Forces Arkansas Science Curriculum Framework 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. 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
Physical Science Unit 8: Lea Program Components 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 TIB page 61, Hands-On Science	NS.1.1.8 Apply appropriate rules of safety related to daily activities. nce TM Grade 1 Irring About Forces Arkansas Science Curriculum Framework 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. 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.
Physical Science Unit 8: Lea Program Components 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 TIB page 61, Hands-On Science	NS.1.1.8 Apply appropriate rules of safety related to daily activities. nce TM Grade 1 Imming About Forces Arkansas Science Curriculum Framework 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. 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:
Physical Science Unit 8: Lea Program Components 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 TIB page 61, Hands-On Science	NS.1.1.8 Apply appropriate rules of safety related to daily activities. nce TM Grade 1 Imming About Forces Arkansas Science Curriculum Framework 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. 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

SRA Snapshots Simply Science TM 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 <i>Investigating Sound</i>	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*TM 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 ScienceTM Grade 2 Life Science Unit 1: Organisms Are Living Things

Life belence Onit 1. Organish	
Program Components	Arkansas Science Curriculum Framework
Video Organisms Are Living	Strand 2: Life Science
Things	Standard 2: Living Systems: Characteristics, Structure, and Function
RAF "The Brave Beaver"	Characteristics
RANF "Organisms Are Alive"	LS.2.2.1 Classify animals into major groups according to their structure:
TIB pages 14, 15, 16, 17, 18, 19	Mammals
BLM pages 70, 71, 72, 73, 74, 75,	• Birds
76, 77, 78, 79	• Fish.
Cards 1, 2, 3, 4, 5, 6, 7, 8, 11, 55,	LS.2.2.3 Identify basic needs of most plants:
57, 59, 62, 64, 70, 72, 80, 83, 87, 88	• Nutrients
	• Water
	• Light
	• Air
	• Temperature
	• Space.
TIB page 19, Hands-On Science	Strand 1: Nature of Science
Activity Grouping Animals	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 ScienceTM Grade 2 Life Science Unit 2: Learning About Animals

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 <i>Modeling a Life Cycle</i> SRA Snapshots Simply Science	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.	
Life Science Unit 3: Ecosystem		
Program Components 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	Arkansas Science Curriculum Framework 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 <i>Caterpillar Camouflage</i>	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.	

	TM Create 2
SRA Snapshots Simply Scient Earth Science Unit 4: Earth's	
Program Components	Arkansas Science Curriculum Framework
Video Earth's Natural Resources	
RAF "The Missing Rock"	Strand 4: Earth and Space Science Standard 8: Earth Systems: Structure and Properties
RANF "Digging in the Dirt"	Properties of the Earth
TIB pages 32, 33, 34, 35, 36, 37	ESS.8.2.1 Conduct investigations to distinguish among the following components of soil:
BLM pages 100, 101, 102, 103,	• Clay
104, 105, 106, 107, 108, 109	• Sand
Cards 19, 20, 21, 22, 23, 24, 78, 79,	• Silt
82, 89	• 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	Strand 1: Nature of Science
Activity Hand-Made Fossils	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	ce TM Grade 2
Earth Science Unit 5: Weathe	
Program Components	Arkansas Science Curriculum Framework
Video Weather and Water	Strand 4: Earth and Space Science
RAF "Felicia and the Four Seasons"	Standard 8: Earth Systems: Structure and Properties
RANF "All About Weather!"	Weather
TIB pages 38, 39, 40, 41, 42, 43	ESS.8.2.5 Chart weather conditions every day.
BLM pages 110, 111, 112, 113,	ESS.8.2.8 Predict weather based on cloud type.
114, 115, 116, 117, 118, 119 Carda 25, 26, 27, 28, 20, 20, 41, 60	ESS.8.2.9 Read a Celsius thermometer as a class.
Cards 25, 26, 27, 28, 29, 30, 41, 60,	
66, 75, 81, 85, 90	

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 Scien Earth Science Unit 6: Learnin	ce TM Grade 2
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 <i>Stars in the Day Time</i>	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 TM Grade 2 Physical Science Unit 7: Characteristics of Matter	
Physical Science Unit 7: Char 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 Scien Physical Science Unit 8: Force	es 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 ScienceStandard 5: Matter: Properties and ChangesPhysical PropertiesPS.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 ScienceStandard 6: Motion and ForcesMotion and ForcesPS.6.2.1 Investigate the relationship between force and motion.See also Grade 1.Strand 3: Physical ScienceStandard 7: Energy and Transfer of EnergyMagnetismPS.7.1.6 Classify materials as magnetic or nonmagnetic.PS.7.1.7 Investigate the properties of magnets:• Attraction

Physical Science Unit 8 (continued)	
Program Components	Arkansas Science Curriculum Framework
TIB page 61, Hands-On Science Activity <i>Magnets</i> SRA Snapshots Simply Science	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).
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 <i>Heat Energy</i>	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: • Field activities • Field activities. Scientific Equipment and Technology NS.1.2.8 Apply lab safety rules as they relate to specific lab activities.