



CORRELATION TO

Texas Essential Knowledge and Skills *for*
SCIENCE

FOSS Texas • Grade 1

FOSS Grade 1 Correlation to the Texas Essential Knowledge and Skills (TEKS)

FOSS Grade 1 Correlation to the Texas Essential Knowledge and Skills (TEKS)				
Publisher	Delta Education LLC			
Program Title	Grade 1 FOSS (Full Option Science System) Texas Edition, English Print			
Program Components	FOSS Solids and Liquids Investigations Guide FOSS Rocks, Soil and Air Investigations Guide FOSS Plants and Animals Investigations Guide			
Knowledge and Skills Statement				
1.1.Scientific Investigation and Reasoning. The student conducts classroom and outdoor investigations following home and school safety procedures and uses environmentally appropriate and responsible practices. The student is expected to:				
1.1.A: recognize and demonstrate safe practices as described in the Texas Safety Standards during classroom and outdoor investigations, including wearing safety goggles, washing hands, and using materials appropriately				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 1: Solids, Part 1: Solid Objects	Active Investigation	26, 48-61	26: all; 54: step 1
	Inv. 1: Solids, Part 3: Group Solid Objects	Active Investigation	26, 70-74	26: all; 72: steps 1-8
	Inv. 1: Solids, Part 4: Construct with Solids	Active Investigation	26, 75-79	26: all; 78: step 4
	Inv. 1: Solids, Part 5: Outdoor Solids	Active Investigation	26, 80-86	26: all; 82: step 4
	Inv. 2: Liquids, Part 1: Liquids in Bottles	Active Investigation	26, 102-107	26: all; 105: steps 3-5
	Inv. 2: Liquids, Part 3: Liquid Level	Active Investigation	26, 116-123	26: all; 120: step 5
	Inv. 3: Bits and Pieces, Part 1: Solids in Containers	Active Investigation	26, 142-148	26: all; 145: step 4
	Inv. 3: Bits and Pieces, Part 2: Separating Soup Mix	Active Investigation	26, 149-154	26: all; 152: step 4
	Inv. 3: Bits and Pieces, Part 5: Spills	Active Investigation	26, 166-172	26: all; 169: steps 4, 9, 10
	Inv. 4: Solids, Liquids, and Water, Part 2: Liquids and Water	Active Investigation	26, 194-200	26: all; 197: step 4
	Inv. 4: Solids, Liquids, and Water, Part 3: Toothpaste Investigation	Active Investigation	26, 201-205	26: all; 203: step 2
	Inv. 4: Solids, Liquids, and Water, Part 4: Changing Properties	Active Investigation	26, 206-214	26: all; 209: steps 3 & 5, Safety Note
	Inv. 4: Solids, Liquids, and Water, Part 5: Tea Time	Active Investigation	26, 215-218	26: all; 217: step 3, Safety Note; 218: step 7
	Inv. 5: Magnets and Motion, Part 1: Magnets	Active Investigation	26, 230-238	26: all; 233: steps 1-10
	Inv. 5: Magnets and Motion, Part 2: Rolling Motion	Active Investigation	26, 239-246	26: all; 243: step 4
		Performance Assessment	277	Performance Assessment, Station 1
		Performance Assessment	278	Performance Assessment, Station 2
FOSS Rocks, Soil, and Air	Inv. 1: First Rocks, Part 1: Three Rocks	Active Investigation	26, 46-55	26: all; 51: step 1
	Inv. 1: First Rocks, Part 4: Start a Rock Collection	Active Investigation	26, 67-74	26: all; 70: steps 5, 10

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	Inv. 2: River Rocks, Part 1: Screening River Rocks Inv. 2: River Rocks, Part 3: Sand and Silt Inv. 2: River Rocks, Part 4: Exploring Clay	Active Investigation Active Investigation Active Investigation	26, 92-99 26, 108-114 26, 115-123	26: all; 94: steps 5-12 26: all; 114: step 20 26: all; 117: steps 2, 10
	Inv. 3: Using Rocks, Part 1: Rocks in Use Inv. 3: Using Rocks, Part 3: Sand Sculptures Inv. 3: Using Rocks, Part 4: Clay Beads Inv. 3: Using Rocks, Part 5: Making Bricks	Active Investigation Active Investigation Active Investigation Active Investigation	26, 136-142 26, 148-152 26, 153-156 26, 157-162	26: all; 138: step 3 26: all; 152: step 6 26: all; 155: step 6 26: all; 160: step 3
	Inv. 4: Soil and Water, Part 1: Homemade Soil Inv. 4: Soil and Water, Part 2: Local Soil	Active Investigation Active Investigation	26, 174-180 26, 181-192	26: all; 176: step 1 26: all; 184: step 3
	Inv. 5: Observing Weather, Part 1: Air is There Inv. 5: Observing Weather, Part 2: Parachutes Inv. 5: Observing Weather, Part 3: Weather Calendar Inv. 5: Observing Weather, Part 4: Recording Temperatures Inv. 5: Observing Weather, Part 5: Wind Directions Inv. 5: Observing Weather, Part 6: Changes in the Sky	Active Investigation Active Investigation Active Investigation Active Investigation Active Investigation Active Investigation	26, 212-217 26, 218-225 26, 226-231 26, 232-238 26, 239-246 26, 247-256	26: all; 214: step 3 26: all; 223: step 7 26: all; 229: step 3 26: all; 236: step 5 26: all; 243: step 3 26: all; 250: step 3
		Performance Assessment Performance Assessment	295 297	Performance Assessment, Station 1 Performance Assessment, Station 3
FOSS Plants and Animals	Inv. 1: Grass and Grain Seeds, Part 1: Lawns Inv. 1: Grass and Grain Seeds, Part 3: Wheat Inv. 1: Grass and Grain Seeds, Part 4: Plant Hunt Outdoors	Active Investigation Active Investigation Active Investigation	26, 46-61 26, 68-81 26, 82-90	26: all; 54: steps 1, 20 26: all; 73: steps 3-14 26: all; 86: steps 4-9
	Inv. 2: Stems, Part 2: Spuds	Active Investigation	26, 110-117	26: all; 113: steps 1-16
	Inv. 3: Terrariums, Part 1: Setting Up Terrariums Inv. 3: Terrariums, Part 2: Animals in the Terrariums Inv. 3: Terrariums, Part 4: Squirrel Behavior	Active Investigation Active Investigation Active Investigation	26, 138-147 26, 148-158 26, 166-175	26: all; 142: steps 1-11 26: all; 152: steps 5-17 26: all; 169: steps 3-13
	Inv. 4: Growth and Change, Part 2: Planting Roots	Active Investigation	26, 195-201	26: all; 198: steps 1-10
		Performance Assessment	242	Performance Assessment, Station 1
		Science Safety Poster Student Resources Book Outdoor Safety Poster Student Resources Book Poster set, <i>Conservation</i> (4/set)	26 SRB 278 26 SRB 279	26: all <i>Science Safety Rules</i> All Grade 1 IGs: Inv. 1: Part 1, Step 1 26: all <i>Outdoor Safety Rules</i> Solids and Liquids: Inv. 1: Part 5, Step 4 Rocks, Soil and Air: Inv. 1: Part 4, Step 5 Plants and Animals: Inv. 1, Part 4, Step 4 Solids and Liquids: Inv. 1: Part 1, Step 1 Rocks, Soil and Air: Inv. 1: Part 1, Step 1 Plants and Animals: Inv. 1, Part 1, Step 1

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1.1.B: recognize the importance of safe practices to keep self and others safe and healthy				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 1: Solids, Part 1: Solid Objects	Active Investigation	26, 48-61	26: all; 54: step 1
	Inv. 1: Solids, Part 3: Group Solid Objects	Active Investigation	26, 70-74	26: all; 72: steps 1-8
	Inv. 1: Solids, Part 4: Construct with Solids	Active Investigation	26, 75-79	26: all; 78: step 4
	Inv. 1: Solids, Part 5: Outdoor Solids	Active Investigation	26, 80-86	26: all; 82: step 4
	Inv. 2: Liquids, Part 1: Liquids in Bottles	Active Investigation	26, 102-107	26: all; 105: steps 3-5
	Inv. 3: Bits and Pieces, Part 2: Separating Soup Mix	Active Investigation	26, 149-154	26: all; 152: step 4
	Inv. 3: Bits and Pieces, Part 5: Spills	Active Investigation	26, 166-172	26: all; 169: step 4
	Inv. 4: Solids, Liquids, and Water, Part 3: Toothpaste Investigation	Active Investigation	26, 201-205	26: all; 203: step 2
	Inv. 4: Solids, Liquids, and Water, Part 4: Changing Properties	Active Investigation	26, 206-214	26: all; 209: steps 3 & 5, Safety Note
	Inv. 5: Magnets and Motion, Part 1: Magnets	Active Investigation	26, 232-238	26: all; 233: steps 1-10
	Inv. 5: Magnets and Motion, Part 2: Rolling Motion	Active Investigation	26, 239-246	26: all; 243: step 4
		Performance Assessment	277 278	Performance Assessment, Station 1 Performance Assessment, Station 2
FOSS Rocks, Soil, and Air	Inv. 1: First Rocks, Part 1: Three Rocks	Active Investigation	26, 46-55	26: all; 51: step 1
	Inv. 1: First Rocks, Part 4: Start a Rock Collection	Active Investigation	26, 67-74	26: all; 70: steps 5, 10
	Inv. 2: River Rocks, Part 1: Screening River Rocks	Active Investigation	26, 92-99	26: all; 94: steps 5-12
	Inv. 3: Using Rocks, Part 1: Rocks in Use	Active Investigation	26, 136-142	26: all; 138: step 3
	Inv. 3: Using Rocks, Part 5: Making Bricks	Active Investigation	26, 157-162	26: all; 160: step 3
	Inv. 4: Soil and Water, Part 2: Local Soil	Active Investigation	26, 181-192	26: all; 184: step 3
	Inv. 5: Observing Weather, Part 1: Air is There	Active Investigation	26, 212-217	26: all; 214: step 3
	Inv. 5: Observing Weather, Part 2: Parachutes	Active Investigation	26, 218-225	26: all; 223: step 7
	Inv. 5: Observing Weather, Part 3: Weather Calendar	Active Investigation	26, 226-231	26: all; 229: step 3
	Inv. 5: Observing Weather, Part 4: Recording Temperatures	Active Investigation	26, 232-238	26: all; 236: step 5
	Inv. 5: Observing Weather, Part 5: Wind Directions	Active Investigation	26, 239-246	26: all; 243: step 3
	Inv. 5: Observing Weather, Part 6: Changes in the Sky	Active Investigation	26, 247-256	26: all; 250: step 3
		Performance Assessment	295	Performance Assessment, Station 1
		Performance Assessment	297	Performance Assessment, Station 3

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FOSS Plants and Animals	Inv. 1: Grass and Grain Seeds, Part 1: Lawns Inv. 1: Grass and Grain Seeds, Part 3: Wheat Inv. 1: Grass and Grain Seeds, Part 4: Plant Hunt Outdoors	Active Investigation Active Investigation Active Investigation	26, 46-61 26, 68-81 26, 82-90	26: all; 54: step 1 26: all; 73: steps 3-14 26: all; 86: steps 4-9
	Inv. 2: Stems, Part 2: Spuds	Active Investigation	26, 110-117	26: all; 113: steps 1-16
	Inv. 3: Terrariums, Part 1: Setting Up Terrariums Inv. 3: Terrariums, Part 2: Animals in the Terrariums Inv. 3: Terrariums, Part 4: Squirrel Behavior	Active Investigation Active Investigation Active Investigation	26, 138-147 26, 148-158 26, 166-175	26: all; 142: steps 1-11 26: all; 152: steps 5-17 26: all; 169: steps 3-13
	Inv. 4: Growth and Change, Part 2: Planting Roots	Active Investigation	26, 195-201	26: all; 198: steps 1-10
		Performance Assessment	242	Performance Assessment, Station 1
1.1.C: identify and learn how to use natural resources and materials, including conservation and reuse or recycling paper, plastic, and metals				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 1: Solids, Part 1: Solid Objects Inv. 1: Solids, Part 4: Construct with Solids	Active Investigation Active Investigation	26, 48-61 26, 75-79	24: all; 54: step 1 79: step 11
	Inv. 2: Liquids, Part 1: Liquids in Bottles Inv. 2: Liquids, Part 3: Liquid Level	Active Investigation Active Investigation	26, 102-107 26, 116-123	106: step 9 122: step 12
	Inv. 3: Bits and Pieces, Part 2: Separating Soup Mix	Active Investigation	26, 149-154	153: step 9; 154: step 12
	Inv. 4: Solids, Liquids, and Water, Part 1: Solids and Water Inv. 4: Solids, Liquids, and Water, Part 3: Toothpaste Investigation Inv. 4: Solids, Liquids, and Water, Part 5: Tea Time	Active Investigation Active Investigation	26, 184-193 26, 201-205 26, 215-218	191: step 16; 193: step 24 203: step 2 218: step 9
Inv. 5: Magnets and Motion, Part 1: Magnets Inv. 5: Magnets and Motion, Part 2: Rolling Motion	Active Investigation Active Investigation	26, 230-238 26, 239-246	26: all; 233: steps 1-10 26: all; 243: step 4	
		Performance Assessment	278	Performance Assessment, Station 2
FOSS Rocks, Soil, and Air	Inv. 1: First Rocks, Part 1: Three Rocks Inv. 1: First Rocks, Part 2: Washing Three Rocks Inv. 1: First Rocks, Part 4: Start a Rock Collection	Active Investigation Active Investigation	26, 46-55 26, 56-60 26, 67-74	26: all; 51: step 1 26: all; 60: step 13 26: all; 70: steps 5, 10
	Inv. 2: River Rocks, Part 1: Screening River Rocks Inv. 2: River Rocks, Part 3: Sand and Silt Inv. 2: River Rocks, Part 4: Exploring Clay	Active Investigation Active Investigation Active Investigation	26, 92-99 26, 108-114 26, 115-123	26: all; 94: steps 5-12 26: all; 114: step 20 26: all; 120: step 18

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	Inv. 3: Using Rocks, Part 1: Rocks in Use Inv. 3: Using Rocks, Part 5: Making Bricks	Active Investigation Active Investigation Student Resources Book	26, 136-142 26, 157-162 SRB 114-119	26: all; 139: step 5 26: all; 161: step 9 <i>What Are Natural Resources?</i> IG 162: steps 13-14
	Inv. 4: Soil and Water, Part 1: Homemade Soil Inv. 4: Soil and Water, Part 2: Local Soil Inv. 4: Soil and Water, Part 3: Natural Sources of Water	Active Investigation Active Investigation Active Investigation	26, 174-180 26, 181-192 26, 193-197	26: all; 179: step 18 26: all; 184: steps 3, 7, 9, 23 26: all; 197: step 11
FOSS Plants and Animals	Inv. 1: Grass and Grain Seeds, Part 1: Lawns Inv. 1: Grass and Grain Seeds, Part 2: Mowing the Lawn Inv. 1: Grass and Grain Seeds, Part 3: Wheat	Active Investigation Active Investigation Active Investigation Home/School Connection	26, 46-61 26, 62-67 26, 68-81	26: all; 54: step 1 26: all; 65: step 5 26: all; 73: step 1; 79: step 20 81: step 24
	Inv. 2: Stems, Part 2: Spuds Inv. 2: Stems, Part 3: New Plants from Cuttings	Active Investigation Active Investigation	26, 110-117 26, 118-122	26: all; 113: steps 1-16; 116: step 20 26: all; 120: steps 1-9
	Inv. 3: Terrariums, Part 1: Setting Up Terrariums Inv. 3: Terrariums, Part 2: Animals in the Terrariums	Active Investigation Active Investigation	26, 138-147 26, 148-158	26: all; 142: steps 1-11 26: all; 155: step 21
	Inv. 4: Growth and Change, Part 2: Planting Roots	Active Investigation	26, 195-201	26: all; 198: step 2

1.2.Scientific Investigation and Reasoning.

The student develops abilities to ask questions and seek answers in classroom and outdoor investigations. The student is expected to:

1.2.A: ask questions about organisms, objects, and events observed in the natural world

Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 1: Solids, Part 1: Solid Objects Inv. 1: Solids, Part 3: Group Solid Objects	Active Investigation Active Investigation	48-61 70-74	60: step 19 72: steps 3-7
	Inv. 2: Liquids, Part 1: Liquids in Bottles Inv. 2: Liquids, Part 3: Liquid Level	Active Investigation Active Investigation	102-107 116-123	105: steps 3-7 123: step 17
	Inv. 3: Bits and Pieces, Part 2: Separating Soup Mix	Active Investigation	149-154	152: steps 3-7
	Inv. 4: Solids, Liquids, and Water, Part 3: Toothpaste Investigation	Active Investigation	201-205	203: steps 1-9
	Inv. 5: Magnets and Motion, Part 1: Magnets Inv. 5: Magnets and Motion, Part 2: Rolling Motion	Active Investigation Active Investigation	230-238 239-246	232: steps 3-9, especially step 5 238: step 18 243: steps 2-8, 13
		Performance Assessment	278	Performance Assessment, Station 2
	Inv. 1: First Rocks, Part 4: Start a Rock Collection	Active Investigation	67-74	71: step 7

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	Inv. 2: River Rocks, Part 1: Screening River Rocks Inv. 2: River Rocks, Part 4: Exploring Clay	Active Investigation Active Investigation	92-99 115-123	94: steps 5-12 118: step 7
	Inv. 4: Soil and Water, Part 2: Local Soil	Active Investigation	181-192	185: step 7
	Inv. 5: Observing Weather, Part 6: Changes in the Sky	Active Investigation	247-256	252: step 9
		Performance Assessment	295	Performance Assessment, Station 1
FOSS Plants and Animals	Inv. 1: Grass and Grain Seeds, Part 1: Lawns Inv. 1: Grass and Grain Seeds, Part 2: Mowing the Lawn Inv. 1: Grass and Grain Seeds, Part 3: Wheat	Active Investigation Active Investigation Active Investigation	46-61 62-67 68-81	58: step 21 66: step 12 77: step 15; 80: step 22
	Inv. 2: Stems, Part 1: Rooting Stem Cuttings Inv. 2: Stems, Part 2: Spuds Inv. 2: Stems, Part 3: New Plants from Cuttings	Active Investigation Active Investigation Active Investigation	102-109 110-117 118-122	107: step 13 116: step 18 122: step 12
	Inv. 3: Terrariums, Part 1: Setting Up Terrariums Inv. 3: Terrariums, Part 2: Animals in the Terrariums	Active Investigation Active Investigation	138-147 148-158	142: steps 1-11 155: step 19
	Inv. 4: Growth and Change, Part 1: Planting Bulbs Inv. 4: Growth and Change, Part 2: Planting Roots Inv. 4: Growth and Change, Part 3: Plant and Animal Growth	Active Investigation Active Investigation Active Investigation	188-194 195-201 202-209	193: step 13 198: steps 1-10; 201: step 18 207: step 13
		Performance Assessment	242	Performance Assessment, Station 1
1.2.B: plan and conduct simple descriptive investigations such as ways objects move				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 1: Solids, Part 3: Group Solid Objects	Active Investigation	70-74	72: steps 3-7
	Inv. 2: Liquids, Part 1: Liquids in Bottles	Active Investigation	102-107	105: steps 3-7
	Inv. 3: Bits and Pieces, Part 2: Separating Soup Mix	Active Investigation	149-154	152: steps 3-7
	Inv. 4: Solids, Liquids, and Water, Part 3: Toothpaste Investigation Inv. 4: Solids, Liquids, and Water, Part 4: Changing Properties	Active Investigation Math Extension A	201-205	203: steps 1-9 214: step 23
	Inv. 5: Magnets and Motion, Part 1: Magnets Inv. 5: Magnets and Motion, Part 2: Rolling Motion	Active Investigation Active Investigation	230-238 239-246	232: steps 3-9, especially step 4 243: steps 2-8
		Performance Assessment	277	Performance Assessment, Station 1
FOSS Rocks, Soil, and Air	Inv. 2: River Rocks, Part 1: Screening River Rocks	Active Investigation	92-99	95: steps 5-12

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	Inv. 4: Soil and Water, Part 1: Homemade Soil Inv. 4: Soil and Water, Part 2: Local Soil	Active Investigation Active Investigation	174-180 181-192	177: steps 7-13 188: steps 15-16
		Performance Assessment	296	Performance Assessment, Station 2
FOSS Plants and Animals	Inv. 1: Grass and Grain Seeds, Part 3: Wheat	Active Investigation	68-81	73: steps 3-8
	Inv. 2: Stems, Part 2: Spuds	Active Investigation	110-117	113: steps 6-16
	Inv. 3: Terrariums, Part 1: Setting Up Terrariums	Active Investigation	138-147	143: steps 1-11
	Inv. 4: Growth and Change, Part 2: Planting Roots	Active Investigation	195-201	198: steps 1-10
		Performance Assessment	242	Performance Assessment, Station 1
1.2.C: collect data and make observations using simple equipment such as hand lenses, primary balances, and non-standard measurement tools				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 1: Solids, Part 3: Group Solid Objects	Active Investigation	70-74	72: steps 3-7
	Inv. 2: Liquids, Part 1: Liquids in Bottles	Active Investigation	102-107	105: steps 3-7
	Inv. 3: Bits and Pieces, Part 2: Separating Soup Mix	Active Investigation	149-154	152: steps 3-7
	Inv. 4: Solids, Liquids, and Water, Part 3: Toothpaste Investigation	Active Investigation	201-205	203: steps 1-9
	Inv. 5: Magnets and Motion, Part 1: Magnets Inv. 5: Magnets and Motion, Part 2: Rolling Motion	Active Investigation Active Investigation	230-238 239-246	232: steps 3-9, especially step 4 243: steps 2-8
		Performance Assessment	277 278	Performance Assessment, Station 1 Performance Assessment, Station 2
FOSS Rocks, Soil, and Air	Inv. 1: First Rocks, Part 1: Three Rocks Inv. 1: First Rocks, Part 2: Washing Three Rocks Inv. 1: First Rocks, Part 3: First Sorting Inv. 1: First Rocks, Part 5: Sorting Activities	Active Investigation Active Investigation Active Investigation Active Investigation	46-55 56-60 61-66 75-80	51: step 4 58: steps 1, 3, 5 64: steps 7 80: step 10
	Inv. 2: River Rocks, Part 1: Screening River Rocks Inv. 2: River Rocks, Part 2: River Rocks by Size Inv. 2: River Rocks, Part 3: Sand and Silt	Active Investigation Active Investigation Active Investigation	92-99 100-107 108-114	94: steps 5-12 102: step 3; 104: step 8 110: steps 3-5; 111: steps 7-9
	Inv. 4: Soil and Water, Part 1: Homemade Soil Inv. 4: Soil and Water, Part 2: Local Soil	Active Investigation Active Investigation	174-180 181-192	177: steps 9-10; 179: steps 21-22 187: step 12; 189: step 19

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		I-Check 2 Performance Assessment Performance Assessment	270 296 297	Item 5 Performance Assessment, Station 2 Performance Assessment, Station 3
FOSS Plants and Animals	Inv. 1: Grass and Grain Seeds, Part 3: Wheat	Active Investigation	68-81	77: step 14
	Inv. 2: Stems, Part 1: Rooting Stem Cuttings Inv. 2: Stems, Part 2: Spuds	Active Investigation Active Investigation	102-109 110-117	107: step 12 115: step 16
	Inv. 3: Terrariums, Part 1: Setting Up Terrariums Inv. 3: Terrariums, Part 2: Animals in the Terrariums	Active Investigation Active Investigation	138-147 148-158	142: steps 1-11 152: steps 1-19
	Inv. 4: Growth and Change, Part 2: Planting Roots	Active Investigation	195-201	198: steps 1-10; 200: steps 14, 17
		Performance Assessment	242	Performance Assessment, Station 1
1.2.D: record and organize data using pictures, numbers, and words				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 1: Solids, Part 1: Solid Objects Inv. 1: Solids, Part 2: Solid Materials Inv. 1: Solids, Part 3: Group Solid Objects Inv. 1: Solids, Part 4: Construct with Solids	Active Investigation Active Investigation Active Investigation Active Investigation	48-61 62-69 70-74 75-79	58: step 14 66: step 10 73: steps 6, 9 79: step 10
	Inv. 2: Liquids, Part 1: Liquids in Bottles Inv. 2: Liquids, Part 2: Properties of Liquids Inv. 2: Liquids, Part 3: Liquid Level Inv. 2: Liquids, Part 4: Puddles	Active Investigation Active Investigation Active Investigation Active Investigation	102-107 108-115 116-123 124-129	107: step 12 114: step 16 122: step 9 129: step 14
	Inv. 3: Bits and Pieces, Part 1: Solids in Containers Inv. 3: Bits and Pieces, Part 2: Separating Soup Mix Inv. 3: Bits and Pieces, Part 3: Solids in Bottles Inv. 3: Bits and Pieces, Part 4: Beads and Screens Inv. 3: Bits and Pieces, Part 5: Spills	Active Investigation Home/School Connection Active Investigation Active Investigation Active Investigation Active Investigation Math Extension A & B	142-148 149-154 155-159 160-165 166-172	147: step 14 148: step 16 154: step 11 159: step 10 162: step 4 171: step 11 172: step 13
	Inv. 4: Solids, Liquids, and Water, Part 1: Solids and Water Inv. 4: Solids, Liquids, and Water, Part 2: Liquids and Water Inv. 4: Solids, Liquids, and Water, Part 3: Toothpaste Investigation Inv. 4: Solids, Liquids, and Water, Part 4: Changing Properties	Active Investigation Active Investigation Home/School Connection Active Investigation Active Investigation	184-193 194-200 201-205 206-214	188: steps 7, 14, 22 198: steps 7, 9, 12 199: step 15 204: steps 5-8 212: step 18

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	Inv. 5: Magnets and Motion, Part 1: Magnets Inv. 5: Magnets and Motion, Part 2: Rolling Motion	Active Investigation Active Investigation	230-238 239-246	236: step 14 244: step 7
		Performance Assessment	277	Performance Assessment, Station 1
FOSS Rocks, Soil, and Air	Inv. 1: First Rocks, Part 1: Three Rocks Inv. 1: First Rocks, Part 2: Washing Three Rocks Inv. 1: First Rocks, Part 3: First Sorting Inv. 1: First Rocks, Part 4: Start a Rock Collection Inv. 1: First Rocks, Part 5: Sorting Activities	Active Investigation Active Investigation Active Investigation Active Investigation Active Investigation	46-55 56-60 61-66 67-74 75-80	54: step 13 59: step 11 65: step 11 72: steps 11, 15 78: step 4
	Inv. 2: River Rocks, Part 1: Screening River Rocks Inv. 2: River Rocks, Part 3: Sand and Silt Inv. 2: River Rocks, Part 4: Exploring Clay	Active Investigation Active Investigation Active Investigation	92-99 108-114 115-123	97: step 19; 98: step 20 112: step 13 120: step 15
	Inv. 3: Using Rocks, Part 1: Rocks in Use Inv. 3: Using Rocks, Part 2: Observing Sandpaper Inv. 3: Using Rocks, Part 3: Sand Sculptures Inv. 3: Using Rocks, Part 4: Clay Beads	Active Investigation Active Investigation Active Investigation Active Investigation	136-142 143-147 148-152 153-156	140: step 10; 141: step 12 146: step 6 152: step 8 156: step 8
	Inv. 4: Soil and Water, Part 1: Homemade Soil Inv. 4: Soil and Water, Part 2: Local Soil	Active Investigation Active Investigation	174-180 181-192	179: step 21; 180: step 24 187: step 10; 189: step 20; 191: step 25
	Inv. 5: Observing Weather, Part 1: Air is There Inv. 5: Observing Weather, Part 2: Parachutes Inv. 5: Observing Weather, Part 3: Weather Calendar Inv. 5: Observing Weather, Part 4: Recording Temperatures Inv. 5: Observing Weather, Part 5: Wind Directions Inv. 5: Observing Weather, Part 6: Changes in the Sky	Active Investigation Active Investigation Active Investigation Active Investigation Active Investigation Active Investigation	212-217 218-225 226-231 232-238 239-246 247-256	216: step 11 224: step 13 231: step 9 238: steps 12, 15 244: step 7 251: step 7; 253: step 12 254: step 14; 255: step 19
		Performance Assessment Performance Assessment	296 297	Performance Assessment, Station 2 Performance Assessment, Station 3
FOSS Plants and Animals	Inv. 1: Grass and Grain Seeds, Part 1: Lawns Inv. 1: Grass and Grain Seeds, Part 2: Mowing the Lawn Inv. 1: Grass and Grain Seeds, Part 3: Wheat Inv. 1: Grass and Grain Seeds, Part 4: Plant Hunt Outdoors	Active Investigation Active Investigation Active Investigation Active Investigation	46-61 62-67 68-81 82-90	57: step 16; 59: step 23 66: step 10 76: steps 13-14; 78: step 18 88: step 12
	Inv. 2: Stems, Part 1: Rooting Stem Cuttings Inv. 2: Stems, Part 2: Spuds Inv. 2: Stems, Part 3: New Plants from Cuttings	Active Investigation Active Investigation Active Investigation	102-109 110-117 118-122	108: steps 14, 17 116: step 19 121: steps 10-11

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	Inv. 3: Terrariums, Part 1: Setting Up Terrariums Inv. 3: Terrariums, Part 2: Animals in the Terrariums Inv. 3: Terrariums, Part 3: Habitat Match Inv. 3: Terrariums, Part 4: Squirrel Behavior	Active Investigation Active Investigation Active Investigation Active Investigation	138-147 148-158 159-165 166-175	145: step 19 154: step 16 164: step 11 170: step 9; 174: step 18
	Inv. 4: Growth and Change, Part 1: Planting Bulbs Inv. 4: Growth and Change, Part 2: Planting Roots	Active Investigation Active Investigation	188-194 195-201	192: step 11; 193: step 13 200: step 17
		I-Check 3 Performance Assessment	230 242	Item 1 Performance Assessment, Station 1
1.2.E: communicate observations and provide reasons for explanations using student-generated data from simple descriptive investigations				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 1: Solids, Part 1: Solid Objects	Active Investigation	48-61	61: step 21
	Inv. 1: Solids, Part 2: Solid Materials	Active Investigation	62-69	69: step 16
	Inv. 1: Solids, Part 3: Group Solid Objects	Active Investigation	70-74	74: step 13
	Inv. 1: Solids, Part 4: Construct with Solids	Active Investigation	75-79	79: step 12
	Inv. 2: Liquids, Part 1: Liquids in Bottles	Active Investigation	102-107	107: step 13
	Inv. 2: Liquids, Part 2: Properties of Liquids	Active Investigation	108-115	115: step 17
	Inv. 2: Liquids, Part 3: Liquid Level	Active Investigation	116-123	123: step 18
	Inv. 3: Bits and Pieces, Part 1: Solids in Containers	Active Investigation	142-148	148: step 15
	Inv. 3: Bits and Pieces, Part 2: Separating Soup Mix	Active Investigation	149-154	154: step 13
	Inv. 3: Bits and Pieces, Part 3: Solids in Bottles	Active Investigation	155-159	159: step 11
	Inv. 3: Bits and Pieces, Part 4: Beads and Screens	Active Investigation	160-165	165: step 9
	Inv. 4: Solids, Liquids, and Water, Part 1: Solids and Water	Active Investigation	184-193	193: step 26
	Inv. 4: Solids, Liquids, and Water, Part 2: Liquids and Water	Active Investigation	194-200	200: step 18
	Inv. 4: Solids, Liquids, and Water, Part 3: Toothpaste Investigation	Active Investigation	201-205	205: step 11
	Inv. 4: Solids, Liquids, and Water, Part 4: Changing Properties	Active Investigation	206-214	214: step 22
	Inv. 5: Magnets and Motion, Part 1: Magnets	Active Investigation	230-238	238: step 18
	Inv. 5: Magnets and Motion, Part 2: Rolling Motion	Active Investigation	239-246	244: step 8
		Performance Assessment	277	Performance Assessment, Station 1
FOSS Rocks, Soil, and Air	Inv. 1: First Rocks, Part 1: Three Rocks	Active Investigation	46-55	55: step 16
	Inv. 1: First Rocks, Part 2: Washing Three Rocks	Active Investigation	56-60	59: step 14
	Inv. 1: First Rocks, Part 3: First Sorting	Active Investigation	61-66	66: step 17
	Inv. 1: First Rocks, Part 4: Start a Rock Collection	Active Investigation	67-74	74: step 18

FOSS Grade 1 Correlation to the Texas Essential Knowledge and Skills (TEKS)

	Inv. 2: River Rocks, Part 1: Screening River Rocks Inv. 2: River Rocks, Part 2: River Rocks by Size Inv. 2: River Rocks, Part 3: Sand and Silt	Active Investigation Active Investigation Active Investigation	92-99 100-107 108-114	99: step 22 107: step 13 111: step 9; 114: step 21
	Inv. 3: Using Rocks, Part 1: Rocks in Use Inv. 3: Using Rocks, Part 2: Observing Sandpaper Inv. 3: Using Rocks, Part 3: Sand Sculptures Inv. 3: Using Rocks, Part 4: Clay Beads	Active Investigation Active Investigation Active Investigation Active Investigation	136-142 143-147 148-152 153-156	139: step 5; 142: step 14 147: step 12 152: step 9 156: step 9
	Inv. 4: Soil and Water, Part 1: Homemade Soil Inv. 4: Soil and Water, Part 2: Local Soil	Active Investigation Active Investigation	174-180 181-192	178: step 13; 180: step 26 192: step 26
	Inv. 5: Observing Weather, Part 1: Air is There Inv. 5: Observing Weather, Part 2: Parachutes Inv. 5: Observing Weather, Part 3: Weather Calendar Inv. 5: Observing Weather, Part 4: Recording Temperatures Inv. 5: Observing Weather, Part 5: Wind Directions	Active Investigation Active Investigation Active Investigation Active Investigation Active Investigation	212-217 218-225 226-231 232-238 239-246	217: step 13 225: step 17 231: step 11 238: step 13 246: step 12
		Performance Assessment Performance Assessment	296 297	Performance Assessment, Station 2 Performance Assessment, Station 3
FOSS Plants and Animals	Inv. 1: Grass and Grain Seeds, Part 1: Lawns Inv. 1: Grass and Grain Seeds, Part 2: Mowing the Lawn Inv. 1: Grass and Grain Seeds, Part 3: Wheat	Active Investigation Active Investigation Active Investigation	46-61 62-67 68-81	61: step 28 67: step 13 81: step 25
	Inv. 2: Stems, Part 1: Rooting Stem Cuttings Inv. 2: Stems, Part 2: Spuds	Active Investigation Active Investigation	102-109 110-117	109: step 18 117: step 21
	Inv. 3: Terrariums, Part 1: Setting Up Terrariums Inv. 3: Terrariums, Part 2: Animals in the Terrariums Inv. 3: Terrariums, Part 3: Habitat Match	Active Investigation Active Investigation Active Investigation	138-147 148-158 159-165	147: step 23 158: step 27 165: step 13
	Inv. 4: Growth and Change, Part 1: Planting Bulbs Inv. 4: Growth and Change, Part 2: Planting Roots	Active Investigation Active Investigation	188-194 195-201	194: step 18 201: steps 19, 20
		Performance Assessment	242	Performance Assessment, Station 1
1.3 Scientific Investigation and Reasoning.				
The student knows that information and critical thinking are used in scientific problem solving. The student is expected to:				
1.3.A: identify and explain a problem such as finding a home for a classroom pet and propose a solution in his/her own words				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 1: Solids, Part 3: Group Solid Objects	Active Investigation	70-74	72: steps 3-7

FOSS Grade 1 Correlation to the Texas Essential Knowledge and Skills (TEKS)

	Inv. 2: Liquids, Part 1: Liquids in Bottles	Active Investigation	102-107	105: steps 3-7
	Inv. 3: Bits and Pieces, Part 2: Separating Soup Mix	Active Investigation	149-154	152: steps 3-7
	Inv. 4: Solids, Liquids, and Water, Part 3: Toothpaste Investigation	Active Investigation	201-205	203: steps 1-9
	Inv. 5: Magnets and Motion, Part 1: Magnets Inv. 5: Magnets and Motion, Part 2: Rolling Motion	Active Investigation Active Investigation	230-238 239-242	232: steps 3-9, especially step 9 243: steps 2-8, especially step 5
FOSS Rocks, Soil, and Air	Inv. 2: River Rocks, Part 1: Screening River Rocks	Active Investigation	92-99	94: steps 5-12
FOSS Plants and Animals	Inv. 1: Grass and Grain Seeds, Part 3: Wheat	Active Investigation	68-81	73: steps 3-14
	Inv. 2: Stems, Part 2: Spuds	Active Investigation	110-117	113: steps 1-16; 116: step 18
	Inv. 3: Terrariums, Part 1: Setting Up Terrariums Inv. 3: Terrariums, Part 2: Animals in the Terrariums Inv. 3: Terrariums, Part 3: Habitat Match	Active Investigation Active Investigation Active Investigation Home/School Connection	138-147 148-158 159-165	142: steps 1-11; 145: step 14 154: step 18 162: steps 5-6 165: step 14
	Inv. 4: Growth and Change, Part 2: Planting Roots	Active Investigation Home/School Connection	195-201	198: steps 1-10 201: step 21
		I-Check 2	226	Item 4ab
1.3.B: make predictions based on observable patterns				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 1: Solids, Part 3: Group Solid Objects	Active Investigation	70-74	72: steps 3-7
	Inv. 2: Liquids, Part 1: Liquids in Bottles	Active Investigation	102-107	105: steps 3-7
	Inv. 3: Bits and Pieces, Part 2: Separating Soup Mix Inv. 3: Bits and Pieces, Part 5: Spills	Active Investigation Math Extension B	149-154	152: steps 3-7 172: step 13
	Inv. 4: Solids, Liquids, and Water, Part 3: Toothpaste Investigation Inv. 4: Solids, Liquids, and Water, Part 4: Changing Properties	Active Investigation Student Resources Book	201-205 SRB 59-64	203: steps 1-9 <i>Heating and Cooling</i> IG 213: steps 20-21
	Inv. 5: Magnets and Motion, Part 1: Magnets Inv. 5: Magnets and Motion, Part 2: Rolling Motion	Active Investigation Student Resources Book Active Investigation	230-238 SRB 65-68 239-242	235: steps 8, 9 <i>Magnets and Force</i> IG 237: steps 16-17 244: step 7

FOSS Grade 1 Correlation to the Texas Essential Knowledge and Skills (TEKS)

		I-Check 2 I-Check 3 Performance Assessment	260 264 277	Item 2 Item 1, 2, 3 Performance Assessment, Station 1
FOSS Rocks, Soil, and Air	Inv. 2: River Rocks, Part 1: Screening River Rocks	Active Investigation	92-99	94: steps 5-12
	Inv. 4: Soil and Water, Part 2: Local Soil	Active Investigation	181-192	188: step 14
	Inv. 5: Observing Weather, Part 4: Recording Temperatures Inv. 5: Observing Weather, Part 6: Changes in the Sky	Active Investigation Active Investigation	232-238 247-256	235: step 6 251: step 6
		I-Check 1 I-Check 2 Performance Assessment	266 270 295	Item 2 Item 3 Performance Assessment, Station 1
FOSS Plants and Animals	Inv. 1: Grass and Grain Seeds, Part 1: Lawns Inv. 1: Grass and Grain Seeds, Part 2: Mowing the Lawn Inv. 1: Grass and Grain Seeds, Part 3: Wheat	Active Investigation Active Investigation Active Investigation	46-61 62-67 68-81	58: step 21 65: step 6 76: step 12
	Inv. 2: Stems, Part 1: Rooting Stem Cuttings Inv. 2: Stems, Part 2: Spuds	Active Investigation Active Investigation	102-109 110-117	107: step 13 115: step 14
	Inv. 3: Terrariums, Part 1: Setting Up Terrariums Inv. 3: Terrariums, Part 2: Animals in the Terrariums	Active Investigation Active Investigation	138-147 148-158	145: step 14 154: step 17
	Inv. 4: Growth and Change, Part 2: Planting Roots	Active Investigation	195-201	200: step 14
		I-Check 1	220	Item 4
1.3.C: describe what scientists do				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 1: Solids, Part 1: Solid Objects Inv. 1: Solids, Part 3: Group Solid Objects Inv. 1: Solids, Part 4: Construct with Solids	Active Investigation Active Investigation Active Investigation	48-61 70-74 75-79	57: step 12 72: steps 3-7 77: step 1
	Inv. 2: Liquids, Part 1: Liquids in Bottles	Active Investigation	102-107	105: steps 3-7
	Inv. 3: Bits and Pieces, Part 2: Separating Soup Mix	Active Investigation	149-154	152: steps 3-7
	Inv. 4: Solids, Liquids, and Water, Part 3: Toothpaste Investigation	Active Investigation	201-205	203: steps 1-9
	Inv. 5: Magnets and Motion, Part 1: Magnets Inv. 5: Magnets and Motion, Part 2: Rolling Motion	Active Investigation Active Investigation	230-238 239-242	232: steps 3-9, 18 243: step 4

FOSS Grade 1 Correlation to the Texas Essential Knowledge and Skills (TEKS)

FOSS Rocks, Soil, and Air	Inv. 1: First Rocks, Part 1: Three Rocks	Active Investigation	46-55	53: step 11
	Inv. 2: River Rocks, Part 1: Screening River Rocks	Active Investigation	92-99	94: steps 5-12
		I-Check 2	270	Item 4
FOSS Plants and Animals	Inv. 1: Grass and Grain Seeds, Part 1: Lawns Inv. 1: Grass and Grain Seeds, Part 3: Wheat	Active Investigation Active Investigation	46-61 68-81	57: step 16 73: steps 3-14
	Inv. 2: Stems, Part 2: Spuds	Active Investigation	110-117	113: steps 1-16
	Inv. 3: Terrariums, Part 1: Setting Up Terrariums	Active Investigation	138-147	143: step 8
	Inv. 4: Growth and Change, Part 2: Planting Roots	Active Investigation	195-201	198: steps 1-10

1.4 Scientific Investigation and Reasoning.

The student uses age-appropriate tools and models to investigate the natural world.
The student is expected to:

1.4.A: collect, record, and compare information using tools, including computers, hand lenses, primary balances, cups, bowls, magnets, collecting nets, notebooks, and safety goggles; timing devices, including clocks and timers; non-standard measuring items such as paper clips and clothespins; weather instruments such as classroom demonstration thermometers and wind socks; and materials to support observations of habitats of organisms such as aquariums and terrariums

Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 1: Solids, Part 1: Solid Objects	Active Investigation	48-61	57: step 12
	Inv. 1: Solids, Part 2: Solid Materials	Active Investigation	62-69	67: step 11
	Inv. 1: Solids, Part 3: Group Solid Objects	Active Investigation	70-74	72: steps 3-7, 9
	Inv. 1: Solids, Part 4: Construct with Solids	Active Investigation	75-79	78: steps 5-7
	Inv. 1: Solids, Part 5: Outdoor Solids	Active Investigation	80-86	83: steps 7-8
	Inv. 2: Liquids, Part 1: Liquids in Bottles	Active Investigation	102-107	105: steps 3-7
	Inv. 2: Liquids, Part 2: Properties of Liquids	Active Investigation	108-115	114: step 16
	Inv. 2: Liquids, Part 3: Liquid Level	Active Investigation	116-123	119: steps 2-8
	Inv. 2: Liquids, Part 4: Puddles	Active Investigation	124-129	126: steps 4-5
	Inv. 3: Bits and Pieces, Part 2: Separating Soup Mix	Active Investigation	149-154	152: steps 3-7
	Inv. 4: Solids, Liquids, and Water, Part 1: Solids and Water	Active Investigation	184-193	188: steps 7, 11-13
	Inv. 4: Solids, Liquids, and Water, Part 2: Liquids and Water	Active Investigation	194-200	198: steps 6-11
	Inv. 4: Solids, Liquids, and Water, Part 3: Toothpaste Investigation	Active Investigation	201-205	203: steps 3-4
	Inv. 4: Solids, Liquids, and Water, Part 4: Changing Properties	Active Investigation Math Extension A	206-214	209: steps 3-16 214: step 23
	Inv. 5: Magnets and Motion, Part 1: Magnets	Active Investigation	230-238	232: steps 3-9
	Inv. 5: Magnets and Motion, Part 2: Rolling Motion	Active Investigation	239-242	243: steps 2-7

FOSS Grade 1 Correlation to the Texas Essential Knowledge and Skills (TEKS)

		Performance Assessment	277 278	Performance Assessment, Station 1 Performance Assessment, Station 2
FOSS Rocks, Soil, and Air	Inv. 1: First Rocks, Part 1: Three Rocks Inv. 1: First Rocks, Part 2: Washing Three Rocks Inv. 1: First Rocks, Part 3: First Sorting Inv. 1: First Rocks, Part 4: Start a Rock Collection Inv. 1: First Rocks, Part 5: Sorting Activities	Active Investigation Active Investigation Active Investigation Active Investigation Active Investigation	46-55 56-60 61-66 67-74 75-80	51: steps 4-12 58: steps 4-5 64: steps 4-15 71: steps 6-11 80: step 10
	Inv. 2: River Rocks, Part 1: Screening River Rocks Inv. 2: River Rocks, Part 2: River Rocks by Size Inv. 2: River Rocks, Part 3: Sand and Silt	Active Investigation Active Investigation Active Investigation	92-99 100-107 108-114	94: steps 5-12, 14-15; 98: step 21 103: steps 3-5 110: steps 5-15
	Inv. 3: Using Rocks, Part 2: Observing Sandpaper Inv. 3: Using Rocks, Part 4: Clay Beads	Active Investigation Active Investigation	143-147 153-156	145: step 2 156: step 10
	Inv. 4: Soil and Water, Part 1: Homemade Soil Inv. 4: Soil and Water, Part 2: Local Soil	Active Investigation Active Investigation	174-180 181-192	178: steps 14-17 184: steps 5-6
	Inv. 5: Observing Weather, Part 4: Recording Temperatures Inv. 5: Observing Weather, Part 5: Wind Directions Inv. 5: Observing Weather, Part 6: Changes in the Sky	Active Investigation Active Investigation Active Investigation	232-238 239-246 247-256	235: steps 2-4; 237: step 10 243: step 4; 244: step 9 250: steps 4-7, 8; 254: step 14
		I-Check 5 Performance Assessment Performance Assessment Performance Assessment	286 295 296 298	Items 1, 2, 6 Performance Assessment, Station 1 Performance Assessment, Station 2 Performance Assessment, Station 4
FOSS Plants and Animals	Inv. 1: Grass and Grain Seeds, Part 1: Lawns Inv. 1: Grass and Grain Seeds, Part 3: Wheat	Active Investigation Active Investigation	46-61 68-81	55: steps 6-13 75: steps 10, 13
	Inv. 2: Stems, Part 2: Spuds	Active Investigation	110-117	114: steps 8-12, 16
	Inv. 3: Terrariums, Part 1: Setting Up Terrariums Inv. 3: Terrariums, Part 2: Animals in the Terrariums Inv. 3: Terrariums, Part 3: Habitat Match Inv. 3: Terrariums, Part 4: Squirrel Behavior	Active Investigation Active Investigation Active Investigation Multimedia Active Investigation	138-147 148-158 159-165 FOSSweb 166-175	142: steps 2, 5-7 152: steps 8-9 162: steps 2-6, 9 <i>Where Does It Live?</i> <i>What Doesn't Belong?</i> <i>Habitat Gallery</i> <i>Organism Match</i> 164: step 12 170: steps 9-11
	Inv. 4: Growth and Change, Part 2: Planting Roots	Active Investigation	195-201	199: steps 6-10, 17
		Performance Assessment	242	Performance Assessment, Station 1

FOSS Grade 1 Correlation to the Texas Essential Knowledge and Skills (TEKS)

		Student Resources Book	SRB: 280-295	References: <i>Tools for Scientific Investigation</i>
1.4.B: measure and compare organisms and objects using non-standard units				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 1: Solids, Part 3: Group Solid Objects	Active Investigation	70-74	72: steps 3-7
	Inv. 2: Liquids, Part 1: Liquids in Bottles	Active Investigation	102-107	105: steps 3-7
	Inv. 3: Bits and Pieces, Part 2: Separating Soup Mix Inv. 3: Bits and Pieces, Part 5: Spills	Active Investigation Active Investigation Math Extension B	149-154 166-172	152: steps 3-7 169: steps 6-9 172: step 13
	Inv. 4: Solids, Liquids, and Water, Part 3: Toothpaste Investigation	Active Investigation	201-205	203: steps 1-9
	Inv. 5: Magnets and Motion, Part 1: Magnets Inv. 5: Magnets and Motion, Part 2: Rolling Motion	Active Investigation Active Investigation	230-238 239-242	232: steps 3-9 243: steps 2-7
FOSS Rocks, Soil, and Air	Inv. 2: River Rocks, Part 1: Screening River Rocks Inv. 2: River Rocks, Part 2: River Rocks by Size	Active Investigation Active Investigation Student Resources Book Home/School Connection	92-99 100-107 SRB 95-102 100-107	96: step 15 103: step 5; 104: step 8 <i>The Story of Sand</i> IG 105: steps 9-10 107: step 14
	FOSS Plants and Animals	Inv. 1: Grass and Grain Seeds, Part 3: Wheat	Active Investigation	68-81
	Inv. 2: Stems, Part 1: Rooting Stem Cuttings Inv. 2: Stems, Part 2: Spuds	Active Investigation Active Investigation	102-109 110-117	107: step 12 116: step 18
	Inv. 3: Terrariums, Part 1: Setting Up Terrariums	Active Investigation	138-147	143: step 9; 146: step 22
	Inv. 4: Growth and Change, Part 2: Planting Roots	Active Investigation	195-201	200: steps 17-18
		Performance Assessment	242	Performance Assessment, Station 1
1.5. Matter and Energy				
The student knows that objects have properties and patterns. The student is expected to:				
1.5.A: classify objects by observable properties of the materials from which they are made such as larger and smaller, heavier and lighter, shape, color, and texture				
Module Title	Investigation and Part	Component	Page (s)	Specific Location

FOSS Grade 1 Correlation to the Texas Essential Knowledge and Skills (TEKS)

FOSS Solids and Liquids	Inv. 1: Solids, Part 1: Solid Objects	Active Investigation Student Resources Book	48-61 SRB 9-15	54: steps 5-10 <i>Everything Matters</i> IG 60: steps 18-19
	Inv. 1: Solids, Part 2: Solid Materials	Active Investigation Student Resources Book	62-69 SRB 16-24	64: step 11 <i>Solid Objects and Materials</i> IG 68: steps 14-15
	Inv. 1: Solids, Part 3: Group Solid Objects	Active Investigation Home/School Connection	70-74	74: step 10
	Inv. 1: Solids, Part 4: Construct with Solids	Student Resources Book	SRB 25-28	74: step 14 <i>Towers</i> IG 77: step 2
	Inv. 1: Solids, Part 5: Outdoor Solids	Active Investigation Math Extension A	80-86	83: steps 7; 12-14 86: step 18
	Inv. 2: Liquids, Part 2: Properties of Liquids	Active Investigation Home/School Connection	108-115	114: step 16
	Inv. 2: Liquids, Part 3: Liquid Level	Student Resources Book	SRB 29-35	115: step 18 <i>Liquids</i> IG 123: steps 16-17
	Inv. 2: Liquids, Part 4: Puddles	Active Investigation Math Extension	124-129	126: steps 5-11 129: step 16
	Inv. 3: Bits and Pieces, Part 2: Separating Soup Mix	Active Investigation	149-154	152: steps 3-7
	Inv. 3: Bits and Pieces, Part 4: Beads and Screens	Active Investigation Student Resources Book	160-165 SRB 36-40	162: step 4 <i>Pouring</i> IG 164: steps 7-8
	Inv. 3: Bits and Pieces, Part 5: Spills	Active Investigation Student Resources Book	166-172 SRB 41-50	170: steps 7-9 <i>Comparing Solids and Liquids</i> IG 172: steps 11-12
		I-Check 1	256	Item 1, 3
		I-Check 2	260	Item 1, 3
		I-Check 3	264	Item 4
		Performance Assessment	278	Performance Assessment, Station 2
FOSS Rocks, Soil, and Air	Inv. 1: First Rocks, Part 4: Start a Rock Collection	Active Investigation Student Resources Book	67-74 SRB 83-91	72: steps 13-15 <i>Exploring Rocks</i> IG 73: steps 16-17
	Inv. 1: First Rocks, Part 5: Sorting Activities	Home/School Connection Student Resources Book	75-80 SRB 92-94	79: step 7 <i>Colorful Rocks</i> IG 80: steps 8-9
		Math Extension A Math Extension B	75-80 75-80	80: step 11 80: step 11

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	Inv. 2: River Rocks, Part 1: Screening River Rocks Inv. 2: River Rocks, Part 2: River Rocks by Size Inv. 2: River Rocks, Part 3: Sand and Silt Inv. 2: River Rocks, Part 4: Exploring Clay	Active Investigation Active Investigation Active Investigation Active Investigation	92-99 100-107 108-114 115-123	96: steps 15-16 102: steps 3, 5 113: steps 15-18 119: step 14
	Inv. 3: Using Rocks, Part 2: Observing Sandpaper Inv. 3: Using Rocks, Part 3: Sand Sculptures	Active Investigation Active Investigation	143-147 148-152	146: step 7 151: step 1
	Inv. 4: Soil and Water, Part 2: Local Soil	Active Investigation	181-192	185: step 7; 189: step 21
		I-Check 1 I-Check 2	266 270	Item 1, 4ab Item 1, 2ab, 5
FOSS Plants and Animals	Inv. 1: Grass and Grain Seeds, Part 4: Plant Hunt Outdoors	Active Investigation Math Extension A / B	82-90	87: step 10 90: step 16
	Inv. 2: Stems, Part 3: New Plants from Cuttings	Home/School Connection	118-122	122: step 13
1.5.B: predict and identify changes in materials caused by heating and cooling such as ice melting, water freezing, and water evaporating				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 2: Liquids, Part 4: Puddles	Active Investigation	124-129	129: step 15
	Inv. 4: Solids, Liquids, and Water, Part 1: Solids and Water Inv. 4: Solids, Liquids, and Water, Part 2: Liquids and Water Inv. 4: Solids, Liquids, and Water, Part 4: Changing Properties	Active Investigation Active Investigation Student Resources Book Active Investigation Student Resources Book	184-193 194-200 SRB 51-58 206-214 SRB 59-64	190: step 12; 191: steps 15-21 197: steps 3-11 <i>Mix It Up</i> IG 200: steps 16-17 209: steps 3-16 <i>Heating and Cooling</i> IG 213: steps 20-21
		I-Check 4	268	Item 1ab, 2, 3, 4
1.6 Force, Motion, and Energy The student knows that information and critical thinking are used in scientific problem solving. The student is expected to:				
1.6.A: identify and discuss how different forms of energy such as light, heat, and sound are important to everyday life				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 3: Bits and Pieces, Part 3: Solids in Bottles	Active Investigation	155-159	158: steps 2-6, 10

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	Inv. 5: Magnets and Motion, Part 2: Rolling Motion	Active Investigation Media / Video	239-242 FOSSweb	245: steps 12-13 <i>All about Uses of Energy (Chapters 1, 2)</i>
		I-Check 5	272	Item 2ab
FOSS Plants and Animals				
		I-Check 1	220	Item 6
1.6.B: predict and describe how a magnet can be used to push or pull an object				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 5: Magnets and Motion, Part 1: Magnets	Active Investigation Science Resources Book	230-238 SRB 65-68	235: step 8 <i>Magnets and Force</i> IG 237: steps 16-17
		I-Check 5	272	Item 1 abc
1.6.C: describe the change in the location of an object such as closer to, nearer to, and farther from				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 5: Magnets and Motion, Part 1: Magnets	Active Investigation	230-238	235: step 9
		I-Check 1 I-Check 5 Performance Assessment	256 272 277	Item 2 Item 3a Performance Assessment, Station 1
FOSS Plants and Animals	Inv. 1: Grass and Grain Seeds, Part 1: Lawns Inv. 1: Grass and Grain Seeds, Part 3: Wheat	Active Investigation Active Investigation	46-61 68-81	56: step 12 74: step 7
1.6.D: demonstrate and record the ways that objects can move such as in a straight line, zig-zag, up and down, back and forth, round and round, and fast and slow				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Solids and Liquids	Inv. 2: Liquids, Part 1: Liquids in Bottles	Active Investigation	102-107	105: steps 3-7
	Inv. 5: Magnets and Motion, Part 1: Magnets Inv. 5: Magnets and Motion, Part 2: Rolling Motion	Active Investigation Active Investigation Student Resources Book	230-238 239-242 SRB 69-79	235: step 9 243: steps 2-8 <i>The Way Things Move</i> IG 245: steps 10-11

FOSS Grade 1 Correlation to the Texas Essential Knowledge and Skills (TEKS)

		I-Check 5 Performance Assessment	272 277	Item 3ab Performance Assessment, Station 1
<p>1.7 Earth and Space The student knows that the natural world includes rocks, soil, and water that can be observed in cycles, patterns, and systems. The student is expected to:</p>				
<p>1.7.A: observe, compare, describe, and sort components of soil by size, texture and color</p>				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Rocks, Soil, and Air	Inv. 1: First Rocks, Part 1: Three Rocks	Active Investigation	46-55	51: steps 7-12
	Inv. 2: River Rocks, Part 3: Sand and Silt Inv. 2: River Rocks, Part 4: Exploring Clay	Active Investigation Active Investigation Student Resources Book	108-114 115-123 SRB 103-104	110: all 119: step 14 <i>Rocks Move</i> IG 122: steps 21-22
	Inv. 3: Using Rocks, Part 2: Observing Sandpaper Inv. 3: Using Rocks, Part 3: Sand Sculptures	Active Investigation Active Investigation	143-147 148-152	145: step 3 151: step 1
	Inv. 4: Soil and Water, Part 1: Homemade Soil Inv. 4: Soil and Water, Part 2: Local Soil	Active Investigation Active Investigation Student Resources Book Student Resources Book Home/School Connection	174-180 181-192 SRB 120-127 SRB 128-129 181-192	178: step 13 185: step 7 <i>What Is in Soil?</i> IG 186: steps 8-10 <i>Testing Soil</i> IG 191: steps 24-25 192: step 27
		I-Check 2 I-Check 4 Performance Assessment	270 280 297	Item 1, 2ab Item 1, 2, 4 Performance Assessment, Station 3
<p>1.7.B: identify and describe a variety of natural sources of water including streams, lakes and oceans</p>				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Rocks, Soil, and Air	Inv. 4: Soil and Water, Part 3: Natural Sources of Water	Student Resources Book	SRB 130-140	<i>Where Is Water Found?</i> IG 195: steps 2-3
		Active Investigation Student Resources Book	193-197 SRB 141-148	195: steps 4-6 <i>States of Water</i> IG 197: steps 8-9
		I-Check 4	280	Item 3

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1.7.C: gather evidence of how rocks, soil, and water help to make useful products				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Rocks, Soil, and Air	Inv. 3: Using Rocks, Part 1: Rocks in Use	Active Investigation Student Resources Book	136-142 SRB 105-113	138: steps 4-8 <i>Making Things with Rocks and Water</i> IG 141: steps 11-12
	Inv. 3: Using Rocks, Part 2: Observing Sandpaper Inv. 3: Using Rocks, Part 3: Sand Sculptures Inv. 3: Using Rocks, Part 4: Clay Beads Inv. 3: Using Rocks, Part 5: Making Bricks	Mutimedia Activity Home/School Connection Active Investigation Active Investigation Active Investigation Active Investigation Student Resources Book	FOSSweb 136-142 143-147 148-152 153-156 157-162 SRB 114-119	142: step 13 142: step 15 145: steps 2-8 151: steps 2-5 155: steps 2-7 160: steps 1-11 <i>What Are Natural Resources?</i> IG 162: steps 13-14
	Inv. 4: Soil and Water, Part 3: Natural Sources of Water	Active Investigation	193-197	195: step 3
		I-Check 3 I-Check 5	276 286	Item 1, 2 Item 1
1.8. Earth and Space				
The student knows that the natural world includes the air around us and objects in the sky. The student is expected to:				
1.8.A: record weather information, including relative temperature, such as hot or cold, clear or cloudy, calm or windy, and rainy or icy				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Rocks, Soil, and Air	Inv. 5: Observing Weather, Part 3: Weather Calendar Inv. 5: Observing Weather, Part 4: Recording Temperatures Inv. 5: Observing Weather, Part 5: Wind Directions	Active Investigation Active Investigation Active Investigation Science Resources Book	226-231 232-238 239-246 SRB 157-173	230: steps 5-9 237: steps 7-10 243: steps 4-5 <i>Weather</i> IG 245: steps 10-11
		I-Check 5 Performance Assessment	286 295	Item 7 Performance Assessment, Station 1
1.8.B: observe and record changes in the appearance of objects in the sky such as clouds, the Moon, and stars, including the Sun				
Module Title	Investigation and Part	Component	Page (s)	Specific Location

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FOSS Rocks, Soil, and Air	Inv. 5: Observing Weather, Part 6: Changes in the Sky	Active Investigation Student Resources Book	247-256 SRB 174-186	250: steps 4-9 <i>Changes We Observe in the Sky</i> IG 253: steps 11-13 254: steps 14-16
		Active Investigation	247-256	
		I-Check 5	286	Item 4abc
1.8.C: identify characteristics of the seasons of the year and day and night				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Rocks, Soil, and Air	Inv. 5: Observing Weather, Part 6: Changes in the Sky	Active Investigation Student Resources Book	247-256 SRB 174-186	254: step 17 <i>Changes We Observe in the Sky</i> IG 253: steps 11-13
		Student Resources Book	SRB 187-195	<i>Seasons</i> IG 255: steps 18-19
		I-Check 5	286	Item 3, 8
1.8.D: demonstrate that air is all around us and observe that wind is moving air				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Rocks, Soil, and Air	Inv. 5: Observing Weather, Part 1: Air is There Inv. 5: Observing Weather, Part 2: Parachutes	Active Investigation Active Investigation Student Resources Book	212-217 218-225 SRB 149-156	215: steps 6-8 223: steps 8-9 <i>What Is All around Us?</i> IG 225: steps 15-16
	Inv. 5: Observing Weather, Part 5: Wind Direction	Active Investigation	239-246	243: steps 4-5
		I-Check 5	286	Item 5
		Performance Assessment	296	Performance Assessment, Station 2
1.9 Organisms and Environments The student knows that the living environment is composed of relationships between organisms and the life cycles that occur. The student is expected to:				
1.9.A: sort and classify living and nonliving things based upon whether or not they have basic needs and produce offspring				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Plants and Animals	Inv. 4: Growth and Change, Part 3: Plant and Animal Growth	Active Investigation	202-209	205: steps 5, 8, 12
		I-Check 1	220	Item 5ab
		I-Check 4	236	Item 2

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1.9.B: analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Plants and Animals	Inv. 3: Terrariums, Part 1: Setting Up Terrariums	Active Investigation Student Resources Book	138-147 SRB 223-229	146: step 22 <i>What Do Animals Need?</i> IG 146: steps 20-21
	Inv. 3: Terrariums, Part 2: Animals in the Terrariums	Active Investigation	148-158	155: step 19
	Inv. 3: Terrariums, Part 4: Squirrel Behavior	Media / Video	166-175	<i>All About Plant and Animal Interdependency</i> IG 173: steps 14-15
		I-Check 3	230	Item 5
1.9.C: gather evidence of interdependence among living organisms such as energy transfer through food chains and animals using plants for shelter				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Plants and Animals	Inv. 3: Terrariums, Part 1: Setting Up Terrariums	Active Investigation Student Resources Book	138-147 SRB 223-229	146: step 22 <i>What Do Animals Need?</i> IG 146: steps 20-21
	Inv. 3: Terrariums, Part 2: Animals in the Terrariums	Active Investigation Student Resources Book	148-158 SRB 230-252	155: step 19 <i>Plants and Animals around the World</i> IG 156: steps 22-24
	Inv. 3: Terrariums, Part 4: Squirrel Behavior	Media / Video	166-175	<i>All About Plant and Animal Interdependency</i> IG 173: steps 14-15
		I-Check 2 I-Check 3	226 230	Items 2, 3 Items 3, 6
1.10 Organisms and Environments				
The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments. The student is expected to:				
1.10.A: investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats				
Module Title	Investigation and Part	Component	Page (s)	Specific Location

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FOSS Plants and Animals	Inv. 3: Terrariums, Part 2: Animals in the Terrariums Inv. 3: Terrariums, Part 3: Habitat Match	Student Resources Book Active Investigation Multimedia	SRB 230-252 148-158 159-165 FOSSweb	<i>Plants and Animals Around the World</i> IG 156: steps 22-24 163: step 6 <i>Where Does it Live?</i> <i>What Doesn't Belong?</i> , <i>Habitat Gallery</i> <i>Organism Match</i> 164: step 12
		I-Check 3 Performance Assessment	230 242	Item 2, 4abc Performance Assessment, Station 1
1.10.B: identify and compare the parts of plants				
Module Title	Investigation and Part	Component	Page (s)	Specific Location
FOSS Plants and Animals	Inv. 1: Grass and Grain Seeds, Part 1: Lawns Inv. 1: Grass and Grain Seeds, Part 2: Mowing the Lawn Inv. 1: Grass and Grain Seeds, Part 3: Wheat Inv. 1: Grass and Grain Seeds, Part 4: Plant Hunt Outdoors	Student Resources Book Active Investigation Active Investigation Student Resources Book Media / Video Home/School Connection Active Investigation Student Resources Book	SRB 199-205 46-61 62-67 68-81 SRB 206-214 FOSSweb 68-81 82-90 SRB 215-222	<i>What Do Plants Need?</i> IG 60: steps 25-27 64: steps 1, 9 78: steps 16-17 <i>The Story of Wheat</i> IG 79: steps 19-20 <i>How Plants Grow</i> IG 22: step 22 81: step 24 87: steps 10-11 <i>How Seeds Travel</i> IG 89: 13-15
	Inv. 2: Stems, Part 1: Rooting Stem Cuttings Inv. 2: Stems, Part 2: Spuds Inv. 2: Stems, Part 3: New Plants from Cuttings	Active Investigation Active Investigation Active Investigation	102-109 110-117 118-122	105: steps 5, 6, 12, 13, 16 113: steps 5, 15, 17-18 120: steps 2, 12
	Inv. 3: Terrariums, Part 3: Habitat Match	Media / Video	159-165	<i>How Plants Live in Different Places</i> 163: step 8
		I-Check 1 I-Check 2	220 226	Item 1, 3 Item 1ab
1.10.C: compare ways that young animals resemble their parents				
Module Title	Investigation and Part	Component	Page (s)	Specific Location

FOSS Grade 1 Correlation to the Texas Essential Knowledge and Skills (TEKS)

FOSS Plants and Animals	Inv. 4: Growth and Change, Part 3: Plant and Animal Growth	Student Resources Book	SRB 253-266 202-209 SRB 267-276 202-209	<i>Animals and Their Young</i> IG 208: steps 15-16 <i>Life Cycles of Animals</i> IG 208: steps 17-18
		I-Check 4	236	Item 3ab
1.10.D: observe and record life cycles of animals such as a chicken, frog, or fish				
FOSS Plants and Animals	Inv. 4: Growth and Change, Part 3: Plant and Animal Growth	Student Resources Book Media / Video	SRB 267-276 202-209 FOSSweb	<i>Life Cycles of Animals</i> IG 208: steps 17-18 <i>All About Animal Life Cycles</i> IG 208: steps 19-20
		I-Check 4	236	Item 1, 4, 5