



1 st Quarter (43 Days)			
Resource: Science Fusion (Houghton Mifflin Harcourt, 2016)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
1 st : Aug 14-18 (5 days)	Unit 1 Lesson 1 <i>What are senses?</i>	TSW <ul style="list-style-type: none"> Record and organize data, and communicate observations. Identify the five senses and the body part associated with each sense. Explain how the five senses help us learn. 	§1.2A
2 nd : Aug 21-25 (5 days)	Unit 1 Lesson 2 <i>How Can We Use Our Senses?</i>	TSW <ul style="list-style-type: none"> Recognize and demonstrate safe practices. Plan and conduct simple descriptive investigations. Collect and compare information and make observations using simple equipment. 	1.2A, 1.2B, 1.2D
3 rd : Aug 28-31 (4 days)	Unit 1 Lesson 3 <i>What Are Inquiry Skills?</i>	TSW <ul style="list-style-type: none"> Record and organize data using pictures, numbers, and words. Communicate observations and provide reasons for explanations using student-generated data from simple descriptive investigation 	1.2D, 1.2E
4 th : Sept 5-8 (4 days)	Unit 1 Lessons 4-5 <i>What Are Science Tools?</i> <i>How Do We Use Inquiry Tools?</i>	TSW <ul style="list-style-type: none"> Ask questions about organisms and objects observed in the natural world. Describe what scientists do. Collect data and make observations using simple equipment. Collect and compare information using nonstandard measuring items. Measure and compare objects using nonstandard units 	1.2A, 1.2B, 1.2D, 1.2C, 1.4A, 1.4B
5 th : Sept 11-15 (5 days)	Unit 1 Lesson 6 <i>How Do Scientists Work?</i>	TSW <ul style="list-style-type: none"> Plan and conduct simple investigations. Record and organize data. Share observations. Describe what scientists do. 	1.2A, 1.2B, 1.2D, 1.2E, 1.3C
6 th : Sept 18-22 (5 days)	Unit 1 Review & Assessments	Review and Assessment	
7 th : Sept 25-29 (5 days)	Unit 2 Lessons 1-2 <i>How Do Engineers Work?</i> <i>How Can We Solve a Problem?</i>	TSW <ul style="list-style-type: none"> Recognize and demonstrate the importance of safe practices. Identify and explain a problem and propose a solution in his/her own words 	1.3A, 1.2A, 1.2D
8 th : Oct 2-6 (5 days)	Unit 2 Lessons 3-4	TSW <ul style="list-style-type: none"> Identify materials. Classify objects by observable properties of the materials from which they are made. 	1.1C, 1.5A, 1.2A, 1.2B, 1.2D



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	<i>What Materials Make Up Objects? How Can Materials Be Sorted</i>		
9 th : Oct 9-13 (5 days)	Unit 2 Review & Assessment	End of unit projects and assessments. 1st Benchmark	

2nd Quarter (43 Days)			
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Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
1 st : Oct 16-19 (4 days)	Unit 3 Lesson1 <i>What Can We Observe About Objects?</i>	TSW <ul style="list-style-type: none"> Classify objects by observable properties such as larger and smaller, heavier and lighter, shape, color, and texture. 	1.2B, 1.2D, 1.5A
2 nd : Oct 23-27 (5 days)	Unit 3 Lesson 2-3 <i>How Can We Measure Temperature? How Does Heating and Cooling Change Matter?</i>	TSW <ul style="list-style-type: none"> Collect and compare information and make observations using thermometers. Record and organize data. Identify changes in materials caused by heating and cooling. Collect, record, and compare information using timing devices, such as clocks and timers. 	1.2A, 1.2B, 1.2D, 1.4A, 1.5B
3 rd : Oct 31- Nov 3 (4 days)	Unit 3 Assessments	End of unit projects and assessments.	
4 th : Nov 6-10 (5 days)	Unit 4 Lesson 1 & 2 <i>How Do We Use Energy? How Do Magnets Move Objects?</i>	TSW <ul style="list-style-type: none"> Ask questions about events observed in the natural world. Identify and discuss how different forms of energy such as light, heat, and sound are important to everyday life. Ask questions about events observed in the natural world. Identify and discuss how different forms of energy such as light, heat, and sound are important to everyday life. 	1.6A 1.2B, 1.2D, 1.2E, 1.4A, 1.6B
5 th : Nov 13-17 (5 days)	Unit 4 Lessons 3-5	TSW <ul style="list-style-type: none"> Demonstrate and record 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. 	1.6D, 1.2A, 1.2B, 1.2D, 1.6D, 1.6C



2nd Quarter (43 Days)			
Resource: Science Fusion (Houghton Mifflin Harcourt, 2016)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
	<i>How Do Objects Move? How Can We Change the Way Objects Move?</i>	<ul style="list-style-type: none"> Describe the change in the location of an object such as closer to, nearer to, and farther from 	
6 th : Nov 27- Dec 1 (5 days)	Unit 4 Review & Assessment	End of unit projects and assessments.	
7 th : Dec 4-8 (5 days)	Unit 5 Lessons 1-2 <i>What Can We Find on Earth? What Is Soil?</i>	TSW <ul style="list-style-type: none"> Identify natural resources. Gather evidence of how rocks, soil, and water help to make useful products. Observe, compare, describe, and sort components of soil by size, texture, and color. 	1.1C, 1.7C, 1.7A
8 th : Dec 11-15 (5 days)	Unit 5 Lessons 3-4 <i>What Do We Find in Soil? How Do Soils Differ</i>	TSW <ul style="list-style-type: none"> Collect, compare, and make observations using hand lenses and safety goggles. Observe and compare components of soil. 2nd Benchmark	1.2A, 1.2B, 1.2D, 1.7A
9 th : Dec 18-22 (5 days)	Unit 5 Lesson 5 & 6 / Unit Assessment <i>Where Can We Find Water? How Can We Save Resources?</i>	TSW <ul style="list-style-type: none"> Record and compare information using notebooks. Identify and describe a variety of natural resources of water, including streams, lakes, and oceans. Identify and learn how to use natural resources and materials, including conservation and reuse or recycling of paper, plastic, and metals. 	1.2B, 1.2D, 1.4A, 1.7B

3rd Quarter (42 Days)			
Resource: Science Fusion (Houghton Mifflin Harcourt, 2016)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
1 st : Jan 8-12 (5 days)	Unit 6 Lessons 1-3: <i>What Is Weather? What Can We Observe About Weather? What Are Seasons?</i>	TSW <ul style="list-style-type: none"> Make predictions based on observable patterns. Collect and compare information using tools, such as classroom demonstration thermometers and windsocks. Record Jan 16-18 weather information, including relative temperature. Demonstrate that air is all around us and observe that wind is moving air. 	1.8A, 1.8D, 1.2A, 1.2B, 1.2D, 1.3B, 1.8A, 1.3B, 1.8C



3rd Quarter (42 Days)			
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Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
2nd : (3 days)	Unit 6 Assessments	<ul style="list-style-type: none"> Identify characteristics of the seasons of the year. End of unit projects and assessments.	
3rd : Jan 22-26 (5 days)	Unit 7 Lesson 1 <i>What Can We See In the Sky?</i>	TSW <ul style="list-style-type: none"> Recognize the importance of safe practices to keep self and others safe and healthy. Record and organize data. Identify characteristics of day and night. 	1.8C, , 1.3B, 1.8A, 1.3B, 1.8D
4th: Jan 29-Feb 2 (5 days)	Unit 7 Lessons 2 <i>How Does the Sky Seem to Change?</i>	TSW <ul style="list-style-type: none"> Observe and record changes in the appearance of objects in the sky. Make observations using non-standard measurement tools and measuring items. 	1.3B, 1.8B, 1.2A, 1.2B, 1.2D, 1.4A, 1.4B, 1.8B
5th: Feb 5-9 (5 days)	Unit 7 Lesson 3+ End of Unit Projects: <i>How Does the Sun Seem to Move?</i>	TSW <ul style="list-style-type: none"> Observe and record changes in the appearance of objects Complete unit projects. 	1.2D, 1.4A, 1.4B, 1.8B
6th: Feb 12-16 (5 days)	Unit 7 Review & Assessments	End of unit projects and assessments.	
7th : Feb 20-23 (4 days)	Unit 8 Lesson 1 <i>What Are Living and Nonliving Things?</i>	TSW <ul style="list-style-type: none"> Ask questions about organisms and objects observed in the natural world. Sort and classify living and nonliving things. 	1.9A
8th: Feb 26- Mar 2 (5 days)	Unit 8 Lessons 2-3 <i>Where Do Plants and Animals Live?</i> <i>What Is a Terrarium?</i>	TSW <ul style="list-style-type: none"> Observe habitats of organisms such as aquariums and terrariums. Gather evidence and record examples of interdependence among living things or found in various situations. 3rd Benchmark	1.9B, 1.9C, 1.2A, 1.2B, 1.2D, 1.4A, 1.9B
9th: Mar 5-9 (5 days)	Unit 8 Review & Assessment	End of unit projects and assessments.	



4th Quarter (48 Days)			
Resource: Science Fusion (Houghton Mifflin Harcourt, 2016)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
1 st : Mar 19-23 (5 days)	Review	Review	Review
2 nd : Mar 26-30 (5 days)	Unit 9 Lessons 1-2: <i>How Do Animals Differ?</i> <i>How Can We Group Animals?</i>	TSW <ul style="list-style-type: none"> Investigate how external characteristics of an animal are related to where it lives, how it moves, and what it eats. 	1.10A, 1.2A, 1.2B, 1.2D, 1.10A
3 rd : Apr 2-6 (5 days)	Unit 9 Lessons 1-2: <i>How Do Animals Differ?</i> <i>How Can We Group Animals?</i>	TSW <ul style="list-style-type: none"> Investigate how external characteristics of an animal are related to where it lives, how it moves, and what it eats. 	1.10A, 1.2A, 1.2B, 1.2D, 1.10A
4 th : Apr 9-13 (5 days)	Unit 9 Lesson 3: <i>What Are Some Animal Life Cycles?</i>	TSW <ul style="list-style-type: none"> Compare ways that young animals resemble their parents. Observe and record life cycles of animals such as a chicken, frog, or fish. 	1.10C, 1.10D
5 th : April 16-19 (4 days)	Unit 9 Review/ IOWA Testing	IOWA/ ITBS Complete Battery KG-2	Review
6 th : Apr 23- 27 (5 days)	Unit 9 Assessments	End of unit projects and assessments.	Review
7 th : Apr 30- May 4 (5 days)	Unit 10 Lesson 1: <i>What Are Some Parts of Plants?</i>	TSW <ul style="list-style-type: none"> Collect and compare information and make observations using a hand lens. Record and organize data. Identify and compare the parts of plants. 	1.10B, 1.2B, 1.2D
8 th : May 7-11 (5 days)	Unit 10 Lesson 2 & 3: <i>How Can We Compare Leaves?</i> <i>How Are Plants Different?</i>	TSW <ul style="list-style-type: none"> Plan and conduct simple investigations. Identify and compare the parts of plants. Measure and compare organisms using non-standard units. Identify and compare the parts of plants 	1.10B, 1.2A, 1.2B, 1.2D, 1.4A, 1.4B, 1.10B
9 th : May 14-18 (5 days)	End of the unit review and projects / Assessments	TSW will take unit review and assessments. Final Benchmark	Review & Assessment.
10 th : May 21-24 (4 days)	End of the year review and projects.	TSW will review concepts learned through the year.	Review