



1 st Quarter (44 Days)			
Resources: STEMScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
1 st : Aug 8-9 (2 days)	Welcome to school	TW establish class routines and procedures	N/A
2 nd : Aug 12-16 (5 days)	Properties of Objects Lesson 1: Describe it! Lesson 2: Property Toss	- TSW, identify physical properties including shape, color, texture, and material. - record different physical properties of objects including shape, color, texture, and material. - classify the physical properties of objects in different ways.	K.6 identify and record observable physical properties of objects, including shape, color, texture, and material, and generate ways to classify objects
3 rd : Aug 19-23 (3 days)	Properties of Objects Lesson 3: Texture Touch Lesson 4: Marvelous Materials	- TSW, identify physical properties including shape, color, texture, and material. - record different physical properties of objects including shape, color, texture, and material. - classify the physical properties of objects in different ways.	K.6 identify and record observable physical properties of objects, including shape, color, texture, and material, and generate ways to classify objects
4 th : Aug 26- Aug 30 (5 days)	Properties of Objects Lesson 5: Classify Me Lesson 6: Eli Spies	- TSW, identify physical properties including shape, color, texture, and material. - record different physical properties of objects including shape, color, texture, and material. - classify the physical properties of objects in different ways.	K.6 identify and record observable physical properties of objects, including shape, color, texture, and material, and generate ways to classify objects
5 th : Sept 2-6 (4 days)	Monday: Labor Day Holiday	TSW, review and take a test over Properties of Objects.	K.6
6 th : Sept 9-13 (5 days)	Magnets Lesson 1: Stuck on you! Lesson 2: Pole War	TSW, describe how magnets interact with various materials.	K.7 describe and predict how a magnet interacts with various materials and how magnets can be used to push or pull



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	Lesson 3: Magnetic or not!	● predict how magnets will react with various materials. ● describe how magnets can be used to push or pull. ● predict how magnets can be used to push or pull	
7 th : Sept 16-20 (5 days)	Magnetics Lesson 4: Lead me with your magnet Lesson 5: The Magic Racetrack	● TSW, describe how magnets interact with various materials. ● predict how magnets will react with various materials. ● describe how magnets can be used to push or pull. ● predict how magnets can be used to push or pull.	K.7 describe and predict how a magnet interacts with various materials and how magnets can be used to push or pull
8 th : Sept 23-27 (4 days)	Friday: Professional Development	● TSW review and take a test over Magnets	K.7 describe and predict how a magnet interacts with various materials and how magnets can be used to push or pull
9 th : Sept 30 Oct 4 (5 days)	Light Lesson 1: I Can See! I Can See! Lesson 2: Light Makers! Lesson 3: Light Difference	● TSW, compare how different amounts of light affect the appearance of objects. ● demonstrate how light travels through some objects and is blocked by other objects, creating shadows. ● explain that light travels through some objects and is blocked by other objects, creating shadows.	K.8A communicate the idea that objects can only be seen when a light source is present and compare the effects of different amounts of light on the appearance of object K.8B demonstrate and explain that light travels through some objects and is blocked by other objects, creating shadows
10 th : Oct 7-11 (5 days)	Light Lesson 4: Traveling Light Lesson 5: Shadow Puppet Show Lesson 6: An EnLIGHTing Adventure	● TSW, compare how different amounts of light affect the appearance of objects. ● demonstrate how light travels through some objects and is blocked by other objects, creating shadows. ● explain that light travels through some objects and is blocked by other objects, creating shadows.	K.8A communicate the idea that objects can only be seen when a light source is present and compare the effects of different amounts of light on the appearance of object K.8B demonstrate and explain that light travels through some objects and is blocked by other objects, creating shadows



2 nd Quarter (43 Days)			
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Week	Unit/Lesson	Learning Objectives	TEKS
1 st : Oct 14-18 (5 days)	Patterns in the Sky Lesson 1: Fun in the Sun! Lesson 2: Clouds All Around	- TSW, identify, describe, and predict the patterns of day and night. - identify, describe, and predict the observable characteristics of day and night. - observe, describe, and illustrate objects in the sky such as the Sun, the Moon, the stars, and clouds.	K.9A identify, describe, and predict the patterns of day and night and their observable characteristics K.9B observe, describe, and illustrate the Sun, Moon, stars, and objects in the sky such as clouds
2 nd : Oct 21-25 (5 days)	Patterns in the Sky Lesson 3: Big, Bright, Beautiful Stars! Lesson 4: MoonBeams	- TSW, identify, describe, and predict the patterns of day and night. - identify, describe, and predict the observable characteristics of day and night. - observe, describe, and illustrate objects in the sky such as the Sun, the Moon, the stars, and clouds.	K.9A identify, describe, and predict the patterns of day and night and their observable characteristics K.9B observe, describe, and illustrate the Sun, Moon, stars, and objects in the sky such as clouds
3 rd : Oct 28- Nov 1 (4 days)	Patterns in the Sky Lesson 5: Day and Night Patterns Lesson 6: Camping Time Friday Parent/Teacher Conference	- TSW, identify, describe, and predict the patterns of day and night. - identify, describe, and predict the observable characteristics of day and night. - observe, describe, and illustrate objects in the sky such as the Sun, the Moon, the stars, and clouds.	K.9A identify, describe, and predict the patterns of day and night and their observable characteristics K.9B observe, describe, and illustrate the Sun, Moon, stars, and objects in the sky such as clouds
4 th : Nov 4-8 (5 days)	Patterns in the Sky Lesson 5: Day and Night Patterns Lesson 6: Camping Time	- TSW, identify, describe, and predict the patterns of day and night. - identify, describe, and predict the observable characteristics of day and night.	K.9A identify, describe, and predict the patterns of day and night and their observable characteristics K.9B observe, describe, and illustrate the Sun, Moon, stars, and objects in the sky such as



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		observe, describe, and illustrate objects in the sky such as the Sun, the Moon, the stars, and clouds.	clouds
5 th : Nov 11-15 (5 days)	Patterns in the Sky Assessment	TSW review and take a test over "Patterns in the sky"	K.9A K.9B
6 th : Nov 18-22 (5 days)	Review & Assessment	Review & Assessment	Review & Assessment
7 th : Nov 25-29	Thanksgiving Holiday		
8 th : Dec 2-6 (5 days)	Weather and Air Lesson 1: What is it like Outside? Lesson 2: Sunny Days Lesson 3: Windy Days	- TSW, observe and describe weather changes from day to day. - observe and describe weather changes from season to season. - identify evidence that air is all around. - demonstrate how wind moves objects such as windsocks, pinwheels, and ribbons.	K.10B observe and describe weather changes from day to day and over seasons K.10C identify evidence that supports the idea that air is all around us and demonstrate that wind is moving air using items such as a windsock, pinwheel, or ribbon
9 th : Dec 9-13 (5 days)	Weather and Air Lesson 4: Clouds and Rain Rolling In Lesson 5: Let it Snow Lesson 6: The Year of the Backyard	- TSW, observe and describe weather changes from day to day. - observe and describe weather changes from season to season. - identify evidence that air is all around. - demonstrate how wind moves objects such as windsocks, pinwheels, and ribbons.	K.10B observe and describe weather changes from day to day and over seasons K.10C identify evidence that supports the idea that air is all around us and demonstrate that wind is moving air using items such as a windsock, pinwheel, or ribbon
10 th : Dec 16-20 (5 days)	Weather and Air Assessment	TSW review and take a test over "Weather and Air"	K.10B K.10C
Dec 23- Jan 3	Winter Break		



3 rd Quarter (44 Days)			
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Week	Unit/Lesson	Learning Objectives	TEKS
1 st : Jan 6-10 (4 days)	Rocks, Soil and Water Lesson 1: Rock Hounds Lesson 2: How Big? What Shape? Monday: Professional Development	- I can describe and classify rocks based on their observable properties including size, shape, color, and texture. - I can observe practical uses for rocks, soil, and water. - I can generate examples of practical uses for rocks, soil, and water.	K.10A describe and classify rocks by the observable properties of size, shape, color, and texture K.11 observe and generate examples of practical uses for rocks, soil, and water
2 nd : Jan 13-17 (5 days)	Rocks, Soil and Water Lesson 3: Look and Feel Lesson 4: I Spy rock and Soil Uses	- I can describe and classify rocks based on their observable properties including size, shape, color, and texture. - I can observe practical uses for rocks, soil, and water. - I can generate examples of practical uses for rocks, soil, and water.	K.10A describe and classify rocks by the observable properties of size, shape, color, and texture K.11 observe and generate examples of practical uses for rocks, soil, and water
3 rd : Jan 20-24 (4 days)	Rocks, Soil and Water Lesson 5: Water Hounds Lesson 6: The Rocky Road to the Rock Monday: MLK Holiday	- I can describe and classify rocks based on their observable properties including size, shape, color, and texture. - I can observe practical uses for rocks, soil, and water. - I can generate examples of practical uses for rocks, soil, and water.	K.10A describe and classify rocks by the observable properties of size, shape, color, and texture K.11 observe and generate examples of practical uses for rocks, soil, and water
4 th : Jan 27-31 (5 days)	Rocks, Soil and Water	TSW Review and Test over "Rocks, Soil and Water"	K.10A K.11
5 th : Feb 3-7 (5 days)	Basic Needs Lesson 1: Walking Through Nature	TSW, observe and identify the dependence of plants on air, sunlight, water, nutrients in the soil, and	K.12A observe and identify the dependence of plants on air, sunlight, water, nutrients in the soil, and space



3 rd Quarter (44 Days)			
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Week	Unit/Lesson	Learning Objectives	TEKS
	Lesson 2: Needs Versus Wants	space in order to survive. ● observe and identify the dependence of animals on air, water, food, space, and shelter.	to grow K.12B observe and identify the dependence of animals on air, water, food, space, and shelter
6th: Feb 10-14 (4 days)	Basic Needs Lesson 3: Plants and Animal Needs Lesson 4: Plant and Animal Basic Needs Friday: District Professional Development	● TSW, observe and identify the dependence of plants on air, sunlight, water, nutrients in the soil, and space in order to survive. ● observe and identify the dependence of animals on air, water, food, space, and shelter.	K.12A observe and identify the dependence of plants on air, sunlight, water, nutrients in the soil, and space to grow K.12B observe and identify the dependence of animals on air, water, food, space, and shelter
7th: Feb 17-21 (4 days)	Basic Needs Lesson 5: Plants and Animal Experts Lesson 6: Eli to the Rescue	● TSW, observe and identify the dependence of plants on air, sunlight, water, nutrients in the soil, and space in order to survive. ● observe and identify the dependence of animals on air, water, food, space, and shelter.	K.12A observe and identify the dependence of plants on air, sunlight, water, nutrients in the soil, and space to grow K.12B observe and identify the dependence of animals on air, water, food, space, and shelter
8th: Feb 24-28 (5 days)	Basic Needs	● TSW Review and test over Basic Needs	K.12A K.12B
9th: Mar 3-7 (5 days)	Plant Life cycles Lesson 1: A Plant Life Lesson 2: The Seeds of Life	● TSW, identify and record the changes from seed, seedling, plant, flower, and fruit in a simple plant life cycle. ● identify ways that a young plant resembles a parent plant.	K.13C identify and record the changes from seed, seedling, plant, flower, and fruit in a simple plant life cycle K.13D identify ways that young plants resemble the parent plant
Spring Break March 10-14			



4 th Quarter (46 Days)			
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Week	Unit/Lesson	Learning Objectives	TEKS
1st: Mar 17- 21 (5 days)	Plant Life Cycles Lesson 3: Sweet Seedlings Lesson 4: The Cycle's Complete!	- TSW, identify and record the changes from seed, seedling, plant, flower, and fruit in a simple plant life cycle. - identify ways that a young plant resembles a parent plant.	K.13C identify and record the changes from seed, seedling, plant, flower, and fruit in a simple plant life cycle K.13D identify ways that young plants resemble the parent plant
Ramadan Break Mar 24 - 31			
2nd: Apr 1-4 (4 days)	Plant Life Cycle Lesson 5: The Circle of Life Lesson 6: Eli's Thanksgiving Pie	- TSW, identify and record the changes from seed, seedling, plant, flower, and fruit in a simple plant life cycle. - identify ways that a young plant resembles a parent plant.	K.13C identify and record the changes from seed, seedling, plant, flower, and fruit in a simple plant life cycle K.13D identify ways that young plants resemble the parent plant
3rd: April 7-11 (5 days)	Plant Life Cycle	TSW Review and Test over "Plant Life Cycle"	K.13C K.13D
4th: April 14- 18 (5 days)	Plant and Animal Structures Lesson 1: Same Structure Different Animals Lesson 2: Seeing, moving, Hearing, Grasping	- TSW, identify the structures of plants including roots, stems, leaves, flowers, and fruits. - identify the structures of animals that allow them to interact with their environments such as by seeing, hearing, moving, and grasping objects	K.13A identify the structures of plants, including roots, stems, leaves, flowers, and fruits K.13B identify the different structures that animals have that allow them to interact with their environment such as seeing, hearing, moving, and grasping objects
5th: Apr 21-25 (5 days)	Plant and Animal Structures Lesson 3: Grow, Plant Grow! Lesson 4: Growing Green	- TSW, identify the structures of plants including roots, stems, leaves, flowers, and fruits. - identify the structures of animals that allow them to interact with their environments such as by seeing, hearing, moving, and grasping objects.	K.13A identify the structures of plants, including roots, stems, leaves, flowers, and fruits K.13B identify the different structures that animals have that allow them to interact with their environment such as seeing, hearing, moving, and grasping objects

4th Quarter (46 Days)Resources:

StemScopes

Week	Unit/Lesson	Learning Objectives	TEKS
6th: Apr 28 -May 2 (5 days)	Plant and Animal Structures Lesson 5: The Fruit of Life Lesson 6: Painting at The Garden Festival	● TSW, identify the structures of plants including roots, stems, leaves, flowers, and fruits. ● identify the structures of animals that allow them to interact with their environments such as by seeing, hearing, moving, and grasping objects.	K.13A identify the structures of plants, including roots, stems, leaves, flowers, and fruits K.13B identify the different structures that animals have that allow them to interact with their environment such as seeing, hearing, moving, and grasping objects
7th: May 5- 9 (5 days)	MAP Testing and Review	MAP Testing and Review	MAP Testing and Review
8th: May 12- 16 (5 days)	MAP Testing and Review	MAP Testing and Review	MAP Testing and Review
9th: May 19- 23 (5 days)	Award Ceremonies / Graduation Ceremonies	Projects based learning	Review
10th May 26-28	Graduation ceremonies & staff working days	Projects based learning	Review