



1 st Quarter (44 Days)			
Resources: STEMscopes			
Week	Unit/Lesson	Learning Objectives	TEKS
Week 1 (4 days)	Welcome to school Introduce Stemscores Characters	● TW establish class routines and procedures ● TW introduce stemscores characters	N/A
Week 2 (5 days)	Classifying Objects I can classify objects by observable properties including shape, color, and texture. I can classify objects by attributes such as larger and smaller and heavier and lighter.	● The student is expected to classify objects by observable physical properties, including, shape, color, and texture, and attributes such as larger and smaller and heavier and lighter ● demonstrate and explain that a whole object is a system made of organized parts such as a toy that can be taken apart and put back together	1.6A , 1.6C
Week 3 (5 days)	Classifying Objects I can classify objects by attributes such as larger and smaller and heavier and lighter. I can demonstrate that a whole object is a system made up of parts.	● The student is expected to classify objects by observable physical properties, including, shape, color, and texture, and attributes such as larger and smaller and heavier and lighter ● demonstrate and explain that a whole object is a system made of organized parts such as a toy that can be taken apart and put back together.	1.6A , 1.6C
Week 4 (5 days)	Classifying Objects I can demonstrate that a whole object is a system made up of parts. I can explain that a whole object is a system made up of parts.	● The student is expected to classify objects by observable physical properties, including, shape, color, and texture, and attributes such as larger and smaller and heavier and lighter ● Demonstrate and explain that a whole object is a system made of organized parts such as a toy that can be taken apart and put back together.	1.6A , 1.6C
Week 5 (4 days)	Monday: Labor Day Holiday Review & Test : Classifying Objects Pushes & Pulls I can explain how pushes can start, stop, or change the speed or direction of an object's motion. I can explain how pulls can start, stop, or change the speed or direction of an object's motion.	● Explain how pushes and pulls can start, stop, or change the speed or direction of an object's motion ● Plan and conduct a descriptive investigation that predicts how pushes and pulls can start, stop, or change the speed or direction of an object's motion	1.7A, 1.7B



1 st Quarter (44 Days)			
Resources: STEMScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
Week 6 (5 days)	Pushes & Pulls I can plan an investigation that predicts how pushes can start, stop, or change the speed or direction of an object's motion. I can plan an investigation that predicts how pulls can start, stop, or change the speed or direction of an object's motion.	● Explain how pushes and pulls can start, stop, or change the speed or direction of an object's motion ● Plan and conduct a descriptive investigation that predicts how pushes and pulls can start, stop, or change the speed or direction of an object's motion	1.7A, 1.7B
Week 7 (5 days)	Pushes & Pulls I can conduct an investigation that predicts how pushes can start, stop, or change the speed or direction of an object's motion. I can conduct an investigation that predicts how pulls can start, stop, or change the speed or direction of an object's motion.	● I can conduct an investigation that predicts how pushes can start, stop, or change the speed or direction of an object's motion. ● I can conduct an investigation that predicts how pulls can start, stop, or change the speed or direction of an object's motion.	1.7A, 1.7B
Week 8 (5 days)	Review & Test : Pushes & Pull Changes From Heat I can explain changes in materials caused by heating and cooling.	● Explain and predict changes in materials caused by heating and cooling ● Investigate and describe applications of heat in everyday life such as cooking food or using a clothes dryer	1.6B
Week 9 (5 days)	Changes From Heat I can predict changes in materials caused by heating and cooling. I can Investigate applications of heat in everyday life.	● Investigate and describe applications of heat in everyday life such as cooking food or using a clothes dryer ● Describe how some changes caused by heat may be reversed such as melting butter and other changes cannot be reversed such as cooking an egg or baking a cake.	1.8A
Week 10 (4 days)	Friday: Professional Development Review & Test : Changes From Heat Changes From Heat I can describe applications of heat in everyday life. I can describe how some changes caused by heat may be reversed while others cannot be reversed.	● Describe how some changes caused by heat may be reversed such as melting butter and other changes cannot be reversed such as cooking an egg or baking a cake	1.8B



2 nd Quarter (43 Days)			
Resources: STEMScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
Week 1 (Oct 14-17) (4 days)	Holiday : School Closed Weather I can describe observable characteristics of weather, including hot or cold, clear or cloudy, calm or windy, and rainy or icy.	Describe and record observable characteristics of weather, including hot or cold, clear or cloudy, calm or windy, and rainy or icy, and explain the impact of weather on daily choices	1.10D
Week 2 (5 days)	Weather I can record observable characteristics of weather, including hot or cold, clear or cloudy, calm or windy, and rainy or icy. I can explain the impact of weather on daily choices.	Describe and record observable characteristics of weather, including hot or cold, clear or cloudy, calm or windy, and rainy or icy, and explain the impact of weather on daily choices	1.10D
Week 3 (4 days)	Friday: Parent/Teacher Conferences Review & Test : Weather Seasons I can describe the patterns of seasons of the year.	I can explain the impact of weather on daily choices.	1.9A
Week 4 (5 days)	Seasons I can predict the patterns of seasons of the year.	Describe and predict the patterns of seasons of the year such as order of occurrence and changes in nature	1.9A
Week 5 (5 days)	Review & Test : Seasons Soil I can investigate the properties of particle size, shape, texture, and color. I can document the properties of particle size, shape, texture, and color.	- Investigate and document the properties of particle size, shape, texture, and color and the components of different types of soils such as topsoil, clay, and sand - Investigate and document the properties of particle size, shape, texture, and color and the components of different types of soils such as topsoil, clay, and sand	10A
Week 6 (5 days)	Soil I can document the properties of particle size, shape, texture, and color. I can investigate the components of different types of soils.	Investigate and document the properties of particle size, shape, texture, and color and the components of different types of soils such as topsoil, clay, and sand	10A



2 nd Quarter (43 Days)			
Resources: STEMScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
Thanksgiving Holiday Nov 24-28			
Week 8 (5 days)	Soil I can investigate the components of different types of soils. I can document the components of different types of soils.	Investigate and document the properties of particle size, shape, texture, and color and the components of different types of soils such as topsoil, clay, and sand	10A
Week 9 (5 days)	Review & Test : Soil Bodies of Water I can investigate how water can move rock and soil particles from one place to another.	Investigate and describe how water can move rock and soil particles from one place to another	1.10B, 1.10C
Week 10 (5 days)	Bodies of Water I can describe how water can move rock and soil particles from one place to another.	- Investigate and describe how water can move rock and soil particles - Compare the properties of puddles, ponds, streams, rivers, lakes, and oceans, including color, clarity, size, shape, and whether it is freshwater or saltwater from one place to another	1.10B, 1.10C
Winter Break Dec 22nd- Jan 2nd			

3 rd Quarter (44 Days)			
Resources: STEMScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
Week 1 (5th Jan-9th Jan) (5 days)	Monday: Professional Development Bodies of Water I can compare the properties of puddles, ponds, streams, rivers, lakes, and oceans, including color, clarity, size, shape, and whether it is freshwater or saltwater.	Compare the properties of puddles, ponds, streams, rivers, lakes, and oceans, including color, clarity, size, shape, and whether it is freshwater or saltwater	1.10B, 1.10C
Week 2 (5 days)	Review & Test : Bodies of Water Natural Resources & Conservation	Identify and describe how plants, animals, and humans use	1.11A



3 rd Quarter (44 Days)			
Resources: STEMScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
	I can identify how plants, animals, and humans use rocks, soil, and water.	rocks, soil, and water	
Week 3 (4 days)	Monday: MLK Holiday Natural Resources & Conservation I can describe how plants, animals, and humans use rocks, soil, and water. I can explain why water conservation is important.	● Explain why water conservation is important	1.11B
Week 4 (5 days)	Natural Resources & Conservation I can describe ways to conserve water.	● Describe ways to conserve water such as turning off the faucet when brushing teeth and protect natural sources of water such as keeping trash out of bodies of water	1.11C
Week 5 (5 days)	Review & Test : Natural Resources & Conservation Living & Non Living Things I can classify living and nonliving things based on whether they have basic needs.	● Classify living and nonliving things based upon whether they have basic needs and produce young	1.12A
Week 6 (4 days)	Friday: District Professional Development Living & Non Living Things I can classify living and nonliving things based on whether they have basic needs.	● Classify living and nonliving things based upon whether they have basic needs and produce young.	1.12A
Week 7 (5 days)	I can describe examples of interactions between living and nonliving components in terrariums or aquariums. I can describe examples of dependence between living and nonliving components in terrariums or aquariums.	● Describe and record examples of interactions and dependence between living and nonliving components in terrariums or aquariums.	1.12B
Week 8 (5 days)	Review & Test : Living & Non- Living Things Interdependency	● Identify and illustrate how living organisms depend on	1.12C



3 rd Quarter (44 Days)			
Resources: STEMScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
	I can record examples of interactions between living and nonliving components in terrariums or aquariums. I can record examples of dependence between living and nonliving components in terrariums or aquariums.	each other through food chains.	
Week 9 (5 days)	Interdependency I can identify how living organisms depend on each other through food chains. I can illustrate how living organisms depend on each other through food chains. Review & Test : Interdependency	- Describe and record examples of interactions and dependence between living and nonliving components in terrariums or aquariums. - Identify and illustrate how living organisms depend on each other through food chains.	1.12B, 1.12C
Spring and Ramadan Break March 9-20			

4 th Quarter (46 Days)			
Resources: STEMScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
Week 1 March 23-27 (5 days)	Animal Structures I can identify the external structures of different animals.	Identify the external structures of different animals and compare how those structures help different animals live, move, and meet basic needs for survival.	1.13A
Week 2 (4 days)	Animal Structures I can compare how those structures help different animals live, move, and meet basic needs for survival.	Compare ways that young animals resemble their parents.	1.13C
Week 3 (5 days)	Animal Structures I can compare ways that young animals resemble their parents.	Identify the external structures of different animals and compare how those structures help different animals live, move, and meet basic needs for survival.	1.13A
Week 4 (5 days)	Review & Test : Animal Structures Animal Life cycle I can record observations of animals, including a bird, a mammal, and a fish.	Record observations of and describe basic life cycles of animals, including a bird, a mammal, and a fish	1.13B



4 th Quarter (46 Days)			
Resources: STEMScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
Week 5 (5 days)	Animal Life cycle I can describe the basic life cycles of animals, including a bird, a mammal, and a fish.	Record observations of and describe basic life cycles of animals, including a bird, a mammal, and a fish	1.13B
Week 6 (5 days)	Animal Life cycle I can record observations of animals, including a bird, a mammal, and a fish.	Record observations of and describe basic life cycles of animals, including a bird, a mammal, and a fish	1.13B
Week 7 (5 days)	Review & Test : Animal Life Cycle Final Review	Final Review	All grade level TEKS
Week 8 (5 days)	Review and assessment	Review and assessment	All grade level TEKS
Week 9 (3 days)	Enrichment Projects	Enrichment Projects	All grade level TEKS
Week 10 May 21-22	Awards ceremonies and Graduation	N/A	N/A