



1 st Quarter (44 Days)			
Resources: Nextwave			
Week	Unit/Lesson	Learning Objectives	TEKS
1 st : Aug 11-14 (4 days)	Welcome to school	TW establish class routines and procedures	N/A
2 nd : Aug 17-22 (5 days)	3.6A physical properties of materials 3.6D physical properties of material	TSW measure, test, and record physical properties of matter, including temperature, mass, magnetism, and the ability to sink or float in water TSW demonstrate that materials can be combined based on their physical properties to create or modify objects such as building a tower or adding clay to sand to make a stronger brick and justify the selection of materials based on their physical properties	3.6A 3.6D
3 rd : Aug 24-28 (5 days)	3.6A physical properties of materials 3.6D physical properties of material	TSW measure, test, and record physical properties of matter, including temperature, mass, magnetism, and the ability to sink or float in water TSW demonstrate that materials can be combined based on their physical properties to create or modify objects such as building a tower or adding clay to sand to make a stronger brick and justify the selection of materials based on their physical properties	3.6A 3.6D
4 th : Sep 2-5 (4 days)	Monday: Labor Day Holiday 3.6B states of matter 3.6C states of matter	TSW describe and classify samples of matter as solids, liquids, and gasses and demonstrate that solids have a definite shape and that liquids and gasses take the shape of their container TSW predict, observe, and record changes in the state of matter caused by heating or cooling in a variety of substances such as ice becoming liquid water, condensation forming on the outside of a glass, or liquid water being heated to the point of becoming water vapor (gas)	3.6B 3.6C
5 th : Sept 8-12 (4 days)	3.6B states of matter 3.6C states of matter	TSW describe and classify samples of matter as solids, liquids, and gasses and demonstrate that solids have a definite shape and that liquids and gasses take the shape of their container TSW predict, observe, and record changes in the state of matter caused by heating or cooling in a variety of substances such as ice becoming liquid water, condensation forming on the outside of a glass, or liquid water being heated to the point of becoming water vapor (gas)	3.6B 3.6C
6 th : Sept 14-18 (5 days)	3.6C states of matter 3.6B states of matter	TSW predict, observe, and record changes in the state of matter caused by heating or cooling in a variety of substances such as ice becoming liquid water, condensation forming on the outside of a glass, or liquid water being heated to the point of becoming water vapor (gas) TSW describe and classify samples of matter as solids, liquids, and gasses and demonstrate that solids have a definite shape and that liquids and gasses take the shape of their container	3.6C 3.6B
7 th : Sept 21-25	3.7A Force and motion	TSW demonstrate and describe forces acting on an object in contact or at a distance,	3.7A



1 st Quarter (44 Days)			
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Week	Unit/Lesson	Learning Objectives	TEKS
(5 days)	3.7B Force and motion Friday: Professional Development	including magnetism, gravity, and pushes and pulls TSW plan and conduct a descriptive investigation to demonstrate and explain how position and motion can be changed by pushing and pulling objects such as swings, balls, and wagons	3.7B
8th: Sept 28- Oct 2 (5 days)	3.7B Force and motion 3.7A Force and motion	TSW plan and conduct a descriptive investigation to demonstrate and explain how position and motion can be changed by pushing and pulling objects such as swings, balls, and wagons TSW demonstrate and describe forces acting on an object in contact or at a distance, including magnetism, gravity, and pushes and pulls	3.7B 3.7A
9th: Oct 5-8 (4 days)	3.8A Types of energy	TSW identify everyday examples of energy, including light, sound, thermal, and mechanical	3.8A

2 nd Quarter (43 Days)			
Resources: STEMScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
1st: Oct 14-16 (3 days)	3.8A Types of energy	TSW compare and describe day-to-day weather in different locations at the same time, including air temperature, wind direction, and precipitation	3.8A
2nd: Oct 19-23 (5 days)	3.9B our solar system	TSW identify the order of the planets in Earth's solar system in relation to the Sun	3.9B
3rd: Oct 26-30 (4 days)	Friday: Parent/Teacher Conferences 3.9B our solar system	TSW identify the order of the planets in Earth's solar system in relation to the Sun	3.9B 3.10B
4th: Nov 2-6 (5 days)	3.9B our solar system	TSW identify the order of the planets in Earth's solar system in relation to the Sun	3.9B
5th: Nov 9-13 (5 days)	3.10A Day-to Day weather	TSW compare and describe day-to-day weather in different locations at the same time, including air temperature, wind direction, and precipitation	3.10A 3.11A
6th: Nov 16-20 (5 days)	3.10A Day-to Day weather Review & Assessment Middle of Year Benchmark	TSW compare and describe day-to-day weather in different locations at the same time, including air temperature, wind direction, and precipitation	3.10A



2 nd Quarter (43 Days)			
Resources: STEMScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
7 th : Nov 24-28	Thanksgiving Holiday		
8 th : Nov30- Dec 4 (5 days)	3.10B soil formation	TSW investigate and explain how soils such as sand and clay are formed by weathering of rock and by decomposition of plant and animal remains	3.10B
9 th : Dec 7-11 (5 days)	3.10B soil formation	TSW investigate and explain how soils such as sand and clay are formed by weathering of rock and by decomposition of plant and animal remains	3.10B
10 th : Dec14-18 (5 days)	Review & Assessment 3.11A Natural Resources 3.11B Natural resources 3.11C Natural resources	Review & Assessment TSW explore and explain how humans use natural resources such as in construction, in agriculture, in transportation, and to make product TSW reservation of natural resources is important explain why the con TSW identify ways to conserve natural resources through reducing, reusing, or recycling	Review & Assessment 3.11A 3.11B 3.11C
Winter Break			

3 rd Quarter (44 Days)			
Resources: STEMScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
1 st : Jan 5-8 (5 days)	Monday: Professional Development 3.11A Natural Resources 3.11B Natural resources 3.11C Natural resources	TSW explore and explain how humans use natural resources such as in construction, in agriculture, in transportation, and to make product TSW reservation of natural resources is important explain why the con TSW identify ways to conserve natural resources through reducing, reusing, or recycling	3.11A 3.11B 3.11C
2 nd : Jan 11-15 (5 days)	3.10C quick changes to land	TSW model and describe rapid changes in Earth's surface such as volcanic eruptions, earthquakes, and landslides	3.10C
3 rd : Jan 19-22 (4 days))	Monday: MLK Holiday 3.10C quick changes to land	TSW model and describe rapid changes in Earth's surface such as volcanic eruptions, earthquakes, and landslides	3.10C
4 th : Jan 25-29 (5 days)	3.12A Ecosystems 3.12B Ecosystems 3.12C Ecosystems	TSW explain how temperature and precipitation affect animal growth and behavior through migration and hibernation and plant responses through dormancy TSW identify and describe the flow of energy in a food chain and predict how changes in a	3.12A 3.12B 3.10C



3 rd Quarter (44 Days)			
<u>Resources:</u> STEMScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
		food chain such as removal of frogs from a pond or bees from a field affect the ecosystem TSW describe how natural changes to the environment such as floods and droughts cause some organisms to thrive and others to perish or move to new locations	
5 th : Feb 1-5 (5 days)	3.12A Ecosystems 3.12B Ecosystems 3.12C Ecosystems	TSW explain how temperature and precipitation affect animal growth and behavior through migration and hibernation and plant responses through dormancy TSW identify and describe the flow of energy in a food chain and predict how changes in a food chain such as removal of frogs from a pond or bees from a field affect the ecosystem TSW describe how natural changes to the environment such as floods and droughts cause some organisms to thrive and others to perish or move to new locations	3.12A 3.12B 3.12C
6 th : Feb 8-12 (5 days)	Friday: District Professional Development 3.12A Ecosystems 3.12B Ecosystems 3.12C Ecosystems	TSW explain how temperature and precipitation affect animal growth and behavior through migration and hibernation and plant responses through dormancy TSW identify and describe the flow of energy in a food chain and predict how changes in a food chain such as removal of frogs from a pond or bees from a field affect the ecosystem TSW describe how natural changes to the environment such as floods and droughts cause some organisms to thrive and others to perish or move to new locations	3.12A 3.12B 3.12C 3.12D
7 th : Feb 16-19 (4 days)	3.12D Fossils	TSW identify fossils as evidence of past living organisms and environments, including common Texas fossils	3.12D
8 th : Feb 22-26 (5 days)	3.12D Fossils	TSW identify fossils as evidence of past living organisms and environments, including common Texas fossils	3.12D
9 th : Mar 1-12	3.13A Animal structures and functions	TSW explore and explain how external structures and functions of animals such as the neck of a giraffe or webbed feet on a duck enable them to survive in their environment	3.13A
Spring Break March 10-14			
Ramadan Break March 16-20			

4 th Quarter (46 Days)			
<u>Resources:</u> StemScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
1st: Mar15-19	3.13A Animal structures and functions	TSW explore and explain how external structures and functions of animals such as the	3.13A



4 th Quarter (46 Days)			
Resources: StemScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
(5 days)		neck of a giraffe or webbed feet on a duck enable them to survive in their environment	
Ramadan & Spring break Mar 24 - 31			
2nd: Mar22-26 (5 days)	3.13A Animal structures and functions	TSW explore and explain how external structures and functions of animals such as the neck of a giraffe or webbed feet on a duck enable them to survive in their environment	3.13A
3rd: Mar 29- Apr 2 (5 days)	3.13B Life cycles	TSW explore, illustrate, and compare life cycles in organisms such as beetles, crickets, radishes, or lima beans	3.13B
4th: April 5-9 (5 days)	3.13B Life cycles	TSW explore, illustrate, and compare life cycles in organisms such as beetles, crickets, radishes, or lima beans	3.13B
5th: April 12-16 (5 Days)	STAAR REVIEW	STAAR REVIEW	STAAR REVIEW
6th: Apr 19-23 (5 days)	STAAR Testing	STAAR TESTING	STAAR TESTING
7th: Apr 26-30 (5 days)	STAAR Testing	STAAR TESTING	STAAR TESTING
8th: May 3-8 (5 days)	Project based learning	TSW engage in hands on activities to review and reinforce the concepts and skills learnt throughout the year and prepare for the next grade level	Review
9th: May 10-14 (5 days)	Project based learning	TSW engage in hands on activities to review and reinforce the concepts and skills learnt throughout the year and prepare for the next grade level	Review
10th: May 19-21 (3 days)	Project based learning	TSW engage in hands on activities to review and reinforce the concepts and skills learnt throughout the year and prepare for the next grade level	Review
11th: May 24-27 (3 days))	Project based learning Award Ceremonies / Graduation Ceremonies	TSW engage in hands on activities to review and reinforce the concepts and skills learnt throughout the year and prepare for the next grade level	Review