



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)	3.5 AB classifying matter	The student is expected to measure, test, and record physical properties of matter, including temperature, mass, magnetism, and the ability to sink or float; AND 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.	3.5AB
3 rd : Aug 19-23 (3 days)	3.5A classifying matter	TSW Measure, test, and record physical properties of matter, including temperature, mass, magnetism, and the ability to sink or float.	3.5A
4 th : Aug 26- Aug 30 (5 days)	3.5B classifying 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.	3.5B
5 th : Sept 2-6 (4 days)	Monday: Labor Day Holiday 3.5C changes from heat	TSW predicts, observes, and records changes in the state of matter caused by heating or cooling, such as ice becoming liquid water, condensation forming on the outside of a glass of ice water, or liquid water being heated to the point of becoming water vapor.	3.5C
6 th : Sept 9-13 (5 days)	3.5C changes from heat	TSW predicts, observes, and records changes in the state of matter caused by heating or cooling, such as ice becoming liquid water, condensation forming on the outside of a glass of ice water, or liquid water being heated to the point of becoming water vapor.	3.5C
7 th : Sept 16-20 (5 days)	3.5D Mixtures	TSW explores and recognizes that a mixture is created when two materials are combined, such as gravel and sand or metal and plastic paper clips.	3.5D
8 th : Sept 23-27 (4 days)	3.5D Mixtures Friday: Professional Development	TSW explore and recognizes that a mixture is created when two materials are combined, such as gravel and sand or metal and plastic paper clips.	3.5D
9 th : Sept 30 Oct 4 (5 days)	3.6A Forms of energy	TSW explores different forms of energy, including mechanical, light, sound, and thermal energy in everyday life.	3.6A
10 th : Oct 7-11 (5 days)	3.6B Force and motion	TSW demonstrates and observes how position and motion can be changed by pushing and pulling objects such as swings, balls, and wagons.	3.6B



2 nd Quarter (43 Days)			
<i>Resources:</i> STEMScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
1 st : Oct 14-18 (5 days)	3.6B Force and motion	TSW demonstrates and observes how position and motion can be changed by pushing and pulling objects such as swings, balls, and wagons.	3.6B
2 nd : Oct 21-25 (5 days)	3.6B Force and motion	.TSW demonstrates and observes how position and motion can be changed by pushing and pulling objects such as swings, balls, and wagons.	3.6B
3 rd : Oct 28- Nov 1 (4 days)	3.6C magnetism and gravity Friday: Parent/Teacher Conferences	TSW observes forces, such as magnetism and gravity acting on objects.	3.6C
4 th : Nov 4-8 (5 days)	3.6C magnetism and gravity	TSW observes forces, such as magnetism and gravity acting on objects.	3.6C
5 th : Nov 11-15 (5 days)	3.7A Formation of soil	TSW are expected to explore and record how soils are formed by weathering of rock and the decomposition of plant and animal remains.	3.7A
6 th : Nov 18-22 (5 days)	3.7B Earth's forces Review & Assessment	TSW Investigate rapid changes in Earth's surface such as volcanic eruptions, earthquakes, and landslides.	3.7B
7 th : Nov 25-29	Thanksgiving Holiday		
8 th : Dec 2-6 (5 days)	3.7C Resources	TSW Explore the characteristics of natural resources that make them useful in products and materials such as clothing and furniture and how resources may be conserved.	3.7C
9 th : Dec 9-13 (5 days)	3.8A Weather	TSW Observes, measures, records, and compares day-to-day weather changes in different locations at the same time that include air temperature, wind direction, and precipitation.	3.8A
10 th : Dec 16-20 (5 days)	3.8B Sun	TSW describe and illustrate the Sun as a star composed of gasses that provides light and thermal energy	3.8B
Winter Break			

3 rd Quarter (44 Days)			
<i>Resources:</i> STEMScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
1 st : Jan 6-10 (5 days)	Monday: Professional Development 3.8B Sun	TSW describe and illustrate the Sun as a star composed of gasses that provides light and thermal energy	3.8B



3 rd Quarter (44 Days)			
Resources: STEMScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
2 nd : Jan 13-17 (5 days)	3.8C space	TSW Construct models that demonstrate the relationship of the Sun, Earth, and Moon, including orbits and positions.	3.8C
3 rd : Jan 20-24 (4 days)	Monday: MLK Holiday 3.8D space	TSW Identify the planets in Earth's solar system and their position in relation to the Sun.	3.8D
4 th : Jan 27-31 (5 days)	3.9AC Environments	TSW is expected to observe and describe the physical characteristics of environments and how they support populations and communities of plants and animals within an ecosystem; AND describe environmental changes such as floods and droughts where some organisms thrive and others perish or move to new locations.	3.9AC
5 th : Feb 3-7 (5 days)	3.9A	.TSW Observe and describe the physical characteristics of environments and how they support populations and communities of plants and animals within an ecosystem.	3.9A
6 th : Feb 10-14 (5 days)	3.9C Friday: District Professional Development	TSW environmental changes such as floods and droughts where some organisms thrive and others perish or move to new locations	3.9C
7 th : Feb 17-21 (4 days)	3.9B Food chains	TSW Identify and describe the flow of energy in a food chain and predict how changes in a food chain affect the ecosystem such as removal of frogs from a pond or bees from a field.	3.9B
8 th : Feb 24-28 (5 days)	3.9B Food chains	TSW Identify and describe the flow of energy in a food chain and predict how changes in a food chain affect the ecosystem such as removal of frogs from a pond or bees from a field.	3.9B
9 th : Mar 3-7 (5 days)	3.10A Adaptations	TSw Explore how structures and functions of plants and animals allow them to survive in a particular environment	3.10A
Spring Break March 10-14			



4 th Quarter (46 Days)			
Resources: StemScopes			
Week	Unit/Lesson	Learning Objectives	TEKS
1st: Mar 17- 21 (5 days)	3.10A Adaptations	TSW Explore how structures and functions of plants and animals allow them to survive in a particular environment	3.10A
Ramadan & Spring break Mar 24 - 31			
2nd: Apr 1-4 (4 days)	3.10B Life cycle	TSW Investigate and compare how animals and plants undergo a series of orderly changes in their diverse life cycles such as tomato plants, frogs, and lady beetles.	3.10B
3rd: April 7-11 (5 days)	3.10B Life cycles	TSW Investigate and compare how animals and plants undergo a series of orderly changes in their diverse life cycles such as tomato plants, frogs, and lady beetles.	3.10B
4th: April 14- 18 (5 days)	STAAR REVIEW	STAAR REVIEW	Review
5th: Apr 21-25 (5 days)	STAAR REVIEW	STAAR REVIEW	Review
6th: Apr 28 -May 2 (5 days)	STAAR Testing	STAAR TESTING	Review
7th: May 5- 9 (5 days)	STAAR Testing	STAAR TESTING	Review
8th: May 12- 16 (5 days)	MAP	Project based learning	Review
9th: May 19- 23 (5 days)	Award Ceremonies	Project based learning	Review
10th May 26-28	Graduation ceremonies & staff working days	Project based learning	Review