

2018-2019 Academic Year Curriculum Map

August					Lesson	Standard-Lesson #	Skills
M	T	W	R	F			
6	7	8	9	10			
13	14	15	16	17	(Aug13-24)Scientific Method		Students will be learning the scientific method. This will help them in both class and the science fair.
20	X	X	23	24			
27	28	29	30	31		06-ESS1-1	Students will develop and use a model to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons
September							
X	4	5	6	7	(Aug 27-Sep 20) Astronomy and Space Science	06-ESS1-2	Students will develop and use a model to describe the role of gravity in the motions within galaxies and the solar system
10	11	12	13	14			
17	18	19	20	X		06-ESS1-3	Students will be able to analyze and interpret data to determine scale properties of objects in the solar system.
24	25	26	27	28	(Sep 24-Nov2)Water and the atmosphere	06-ESS2-4	Students will develop a model to describe the cycling of water through Earth's systems driven by energy from the sun and the force of gravity.
October							
1	2	3	4	X			
8	9	10	11	12			
15	16	17	18	19		06-ESS2-5	Students will use data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions.
22	23	24	25	26			
29	30	31					
November							
			1	2	Climate and Climate Change	06-ESS2-6	Students will develop and use a model to describe how unequal heating and rotation of the Earth

							cause patterns of atmospheric and oceanic circulation that determine regional climates
5	6	7	8	9	(Nov5-Dec14) Geology		
12	13	14	15	16		06-ESS2-2	Students will be able to explain using evidence how geoscience processes have changed Earth's surface at varying time and spatial scales.
19	20	X	X	X	Earthquakes and volcanoes		
26	27	28	29	30			
December							
3	4	5	6	7			
10	11	12	13	14	Plate Tectonics	06-ESS2-3	Students will be able to use data on the distribution of fossils and rocks, continental shapes, and seafloor structures to provide evidence of the past plate motions.
17	18	19	X	X			
X	X	X	X	X			
X							
January							
	X	X	3	4	(Jan 7-Jan18)Minerals	06-ESS2-1	Students will develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process.
7	8	9	10	11			
14	15	16	17	18			
X	22	23	24	25	(Jan22-March 1)Ecology and the Environment	06-LS2-1	Students will analyze and interpret data to provide evidence for the effects of resource availability on organisms and populations of organisms in an ecosystem.
28	29	30	31				
February							
				1			
4	5	6	7	8		06-LS2-2	Students will construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.
11	12	13	14	15			
X	19	20	21	22			

25	26	27	28				
March							
				1	Population,organisms relationships, and flow of matter	06-LS2-3	Students will develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem
4	5	6	7	8	(March4-Mar29) Chemistry	06-PS1-1	Students will develop models to describe the atomic composition of simple molecules and extended structures.
11	12	13	14	X			
18	19	20	21	22		06-PS1-3	Students will gather and make sense of information to describe that synthetic materials come from natural resources and impact society.
25	26	27	28	29		06-PS1-4	Students will develop a model that predicts and describes changes in particle motion, temperature, and state of a pure substance when thermal energy is added or removed.
April							
X	X	X	X	X			
8	9	10	11	12	(Apr8-May3)Force and energy	06-PS2-1	Students will use Newton’s Third Law to design a solution to a problem involving the motion of two colliding objects.
15	16	17	18	19			
22	23	24	25	26			
29	30						
May							
		1	2	3	Newton’s 3 laws	06-PS2-2	Students will plan an investigation to provide evidence that the change in an object’s motion depends on the sum of the forces on the object and the mass of the object.
6	7	8	9	10			
13	14	15	16	17			
20	21	22	23	24			
27	28	29	30	31			