Science Curriculum Map 2016-2019			
Grade		***Unit 1***	***Unit 2***
6th Grade Physical Science	***Performance Expectation***	Introduction to Matter (Chemistry)	Structure and Properties of Matter and Chemical Reactions (Chemistry)
	NGSS	MS-PS1-1, MS-PS1-2, MS-PS1-3, MS-PS1-4, MS-PS1-5, MS-PS1-6: PS.1A, PS1.B, PS3.A , ETS1.B, ETS1.C	MS-PS1-1, MS-PS1-2, MS-PS1-3, MS-PS1-4, MS-PS1-5, MS-PS1-6: PS.1A, PS1.B, PS3.A , ETS1.B, ETS1.C
	Chapters	Chapters 1 and 2	Chapters 3, 4, 11 , and 12
	Projects	Lab Safety Demonstration, Group Building Lab, 3 Dimesional Scienctific Models, Measurements Lab,	Layering Liquids Lab, Charles's Law, Water, Create Your Own Chemical Reaction Lab, Isoprophyl Alcohol Lab, and Element Project
7th Grade Life Science	***Performance Expectation***	From Molecules to Organisms: Structures and Processes	Heredity: Inheritance and Variation of Traits
	NGSS	MS-LS 1-1, MS-LS 1-2, MS-LS 1-3, MS-LS 1-4, MS-LS 1-5, MS-LS 1-6, MS-LS 1-7, MS-LS 1-8	MS-LS 3-1, MS-LS 3-2
	Chapters	Chapters 1, 2, 3 and 4	Chapter 5
	Projects	Stimulus and Response Lab, 3-D Cell Project, Photosynthesis Lab, Photosynthesis Claim and Evidence, Cell Lab, Safety Project	Monster Factory Project, Meosis Animation
8th Grade Earth Science	***Performance Expectation***	MS: Space Systems	MS: History of Earth
	NGSS	MS-ESS1-1. MS-ESS1-2. MS-ESS1-3.	MS-ESS1-4. MS-ESS2-2. MS-ESS2-3.
	Chapters	Solar System Chapter 19, 20, 21	History of Earth Chapter 6, 7
	Projects	Planet Research Project	Geologic Column Lab

Unit 3	***Unit 4***	
Motions and Forces, Forces and Interations, Energy (Physics)	Waves, Sound, and Light and Electromagnetic Radiation	
MS-PS2-1, MS-PS2-2, MS-PS2-3, MS-PS2-4, MS-PS2-5, MS-PS3-1, MS-PS3-2, MS-PS3-3, MS-PS3-4, MS-PS3-5:PS.2A, PS.2B,PS3.A, PS3.B, PS3.C, ETS1.A, ETS1.B	MS-PS4-1, MS-PS4-2, MS-PS4-3, PS4.A, PS4. B PS4.C	
Chapters 5, 6,and 7	Chapters 20, 21, and 22	
Newtons 3 Laws of Motion Project, Bridge Design/Build/Test Project, Roller Coaster Project	Design/Test/Redesign/Retest Solar Cookers	
Biological Evolution: Unity and Diversity	Interactions, Energy, and Dynamics Relationships in Ecosystems	
MS-LS 4-1, MS-LS 4-2, MS-LS 4-3, MS-LS 4-4, MS-LS 4-5, MS-LS 4-6	MS-LS 2-1, MS-LS 2-2, MS-LS 2-3, MS-LS 2-4, MS-LS 2-5	
Chapter 7	Chapter 14, 19, 20, and 21	
Fossil Record Activity, Whale Evolution Lab, Comic Strip Project, Peppered Moths Lab,	Animal Adaptations Interactive, Animal Webquest, Energy flow Lab, Food Web Project, Public Service Announcement Project, Owl Pellets, Frog dissection	
MS: Earth Systems	MS: Weather and Climate	
MS-ESS2-1. MS-ESS2-4. MS-ESS3-1.	MS-ESS2-5. MS-ESS2-6. MS-ESS3-5.	
Earth Systems Chapter 8, 9, 3, 4, 10, 11, 12, 5	Weather & Climate Chapter 15, 16, 17	
Research & Create a Model	Most Serious Problem Facing Earth	