


Next Generation Science Standards Space Camp 2017 		Mercury-Gemini	Apollo	Shuttle History	Strange Science	Expedition Living	Ship Shuttle to Mars	Stars and Constellations	Earth from Space	ECLSS	Parachute Design	Planet Quest	Model Rocket Fundamentals	Mars Base Challenge	Water Activities	Astronomy Night
Earth and Space Science																
ESS1.A: The Universe and Its Stars								X				X				X
ESS1.B: Earth and the Solar System	X	X	X		X	X	X				X			X		X
ESS1.C: The History of Planet Earth														X		
ESS2.A: Earth Materials and Systems									X					X		
ESS2.B: Plate Tectonics and Large-Scale System Interactions									X							
ESS2.C: The Roles of Water in Earth's Surface Processes					X					X						
ESS2.D: Weather and Climate																
ESS2.E: Biogeology																
ESS3.A: Natural Resources														X		
ESS3.B: Natural Hazards									X							
ESS3.C: Human Impacts of Earth Systems									X							
ESS3.D: Global Climate Change																
Physical Science																
PS1.A: Structure and Properties of Matter						X	X		X	X		X				
PS1.B: Chemical Reactions		X		X		X										
PS2.A: Forces and Motion				X	X								X			
PS2.B: Types of Interactions				X	X	X				X		X	X			
PS3.A: Definitions of Energy							X					X				
PS3.B: Conservation of Energy and Energy Transfer				X			X					X				
PS3.C: Relationship Between Energy and Forces				X			X					X		X		
PS3.D: Energy and Chemical Processes in Everyday Life				X												
PS4.A: Wave Properties																
PS4.B: Electromagnetic Radiation							X	X			X					
PS4.C: Information Technologies and Instrumentation								X			X					
Life Science																
LS1.A: Structure and Function																
LS1.B: Growth and Development of Organisms																
LS1.C: Organization for Matter and Energy Flow in Organisms											X		X			
LS1.D: Information Processing					X			X								
LS2.A: Interdependent Relationships in Ecosystems									X				X			
LS2.B: Cycles of Matter and Energy Transfer in Ecosystems									X							
LS2.C: Ecosystem Dynamics, Functioning, and Resilience											X					
LS2.D: Social Interactions and Group Behavior																
LS3.A: Inheritance of Traits																
LS3.B: Variation of Traits																
LS4.A: Evidence of Common Ancestry																
LS4.B Natural Selection																
LS4.C: Adaptation																
LS4.D: Biodiversity and Humans																
Engineering Design, Technology, and the Application of Science																
ETS1.A: Defining and Delimiting an Engineering Problem									X	X	X			X	X	
ETS1.B: Developing Possible Solutions										X	X			X	X	
ETS1.C: Optimizing the Design Solution										X	X				X	