







Next Generation Science Standards Space Camp 2019	Apollo History	Astronomy Night-Constellations	Deep Space Probe Design Challenge	Earth Imaging	ECLSS	Expedition Living	Journey to Mars	Mars Base Challenge	Mercury-Gemini	Model Rocket Fundamentals	Parachute Design	Planet Quest	Shuttle History	Stars and Constellations	Strange Science	Water Activities - NETC/Buoyancy
Earth and Space Science																
ESS1.A: The Universe and Its Stars		Х										X		X		
ESS1.B: Earth and the Solar System	X	X	X			X	X	X	X			X	X	X		
ESS1.C: The History of Planet Earth								X								
ESS2.A: Earth Materials and Systems				Х				Х								
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								Х								
ESS3.B: Natural Hazards				Х												
ESS3.C: Human Impacts of Earth Systems				Х												
ESS3.D: Global Climate Change																
Physical Science																
PS1.A: Structure and Properties of Matter					X		X							X		Х
PS1.B: Chemical Reactions	Х						X					Х			X	
PS2.A: Forces and Motion						X				X					X	
PS2.B: Types of Interactions			X			X	X	X		X	X	X		X		
PS3.A: Definitions of Energy										Х		Х		Х		









Next Generation Science Standards Space Camp 2019 PS3.B: Conservation of Energy and	Apollo History	Astronomy Night-Constellations	Deep Space Probe Design Challenge	Earth Imaging	ECLSS	Expedition Living	Journey to Mars	Mars Base Challenge	Mercury-Gemini	Model Rocket Fundamentals	Parachute Design	Planet Quest	Shuttle History	Stars and Constellations	Strange Science	Water Activities - NETC/Buoyancy
Energy Transfer			Х							X		Х		Х	Х	
PS3.C: Relationship Between Energy and Forces			X							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	Х												
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								
LS1.D: Information Processing				X		X										
LS2.A: Interdependent Relationships in Ecosystems					X			X				X				
LS2.B: Cycles of Matter and Energy Transfer in Ecosystems					X											
LS2.C: Ecosystem Dynamics, Functioning, and Resilience																
LS2.D: Social Interactions and Group Behavior																
LS3.A: Inheritance of Traits																
LS3.B: Variation of Traits																
LS4.A: Evidence of Common Ancestry																









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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	Х			Х			X					X
ETS1.B: Developing Possible Solutions			X		X			X			X					X
ETS1.C: Optimizing the Design Solution			X		X						Х					X