



**Next Generation  
Science Standards  
Space Academy  
2019**

	Apollo History	Astrobiobound	Astronomy Night - Planets	Astronomy Show	Commercial Spaceflight	Explore the Universe	Gemini History	Heat Shield Design Challenge	Intro to ISS (Full STEAM Ahead)	Mercury History	Model Rockets-Academy	Octo-ACCESS/Neutral Buoyancy	Science of Spaceflight	Science on Orbit	Shuttle History	SLS/Orion	Space Suits	Space Weather Challenge	Station Build
PS4.B: Electromagnetic Radiation				X		X		X											
PS4.C: Information Technologies and Instrumentation																			
<b>Life Science</b>																			
LS1.A: Structure and Function																	X		
LS1.B: Growth and Development of Organisms																			
LS1.C: Organization for Matter and Energy Flow in Organisms		X							X					X					X
LS1.D: Information Processing						X													
LS2.A: Interdependent Relationships in Ecosystems		X							X					X			X		X
LS2.B: Cycles of Matter and Energy Transfer in Ecosystems		X																	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		X																	
LS4.B Natural Selection																			
LS4.C: Adaptation																			
LS4.D: Biodiversity and Humans																			
<b>Engineering Design, Technology, and the Application of Science</b>																			
ETS1.A: Defining and Delimiting an Engineering Problem		X							X			X							X
ETS1.B: Developing Possible Solutions		X							X		X	X						X	X
ETS1.C: Optimizing the Design Solution		X							X		X	X							