Update 2026

Science Objective Correlation with *ACE Education* activities

Standard applicable to ACE Ed - details below			
LS.6.1	Understand the structures, processes, and behaviors of plants that enable them to survive and reproduce		
LS.6.2	Understand the flow of energy through ecosystems and the responses of populations to the biotic and abiotic factors in their environment		
	LS.6.2.1 Use models to summarize how energy derived from the sun is used by plants to produce sugars (photosynthesis) and is transferred to consumers and decomposers.		
ESS.6.1	Understand the earth/moon/sun system, and the properties, structures and predictable motions of celestial bodies in the Universe		
	ESS.6.1.1 Use models to explain how the relative motion and relative position of the Sun, Earth and moon affect the seasons, tides, phases of the moon, and eclipses.		
ESS.6.2	Understand the lithosphere and how interactions of constructive and destructive forces have resulted in changes in the surfact of the earth over time.		
	ESS.6.2.3 Use models to explain the rock cycle and its relationship to the formation of soil (including how different types of soil come from different types of rocks.		
PS.6.1	Understand the structure, states, and physical properties of matter		

GRADE	STRAND	ACTIVITY	STANDARD
6	Ecosystems - Interactions, Energy, & Dynamics	Ecosystems	LS.6.2
		Food Chain/Web in depth	LS.6.2.1
		Deadly Links	LS.6.2.1
	Earth's Place in the Universe	Moon & Sun Fun	ESS.6.1.1
	Earth's Systems	Geology - Rocks & Minerals	ESS.6.2.3 PS.6.1.1
		Soil Study	ESS.6.2.3
	From Molecules to Organisms	Create a Tree	LS6.1.1 LS 6.1.2
		Create a Flower	LS6.1.2, LS6.1.3
	Matter and its Interactions	Mass & Volume in Nature	PS.6.1.3