

Science Objective Correlation with ACE Education activities

Standard applicable to ACE Ed - details below

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.

GRADE	TOPIC	ACTIVITY	STANDARD
6	Ecosystems	Eco-Balance Game	LS.6.2
		Ecosystems	LS.6.2
	Moon/Sun/Earth	Moon & Sun Fun	ESS.6.1.1
	Geology	Geology - Rocks & Minerals	ESS.6.2.3
		Soil Study	ESS.6.2.3
	Food Web	Deadly Links	LS.6.2.1
		Food Chain/Web in depth	LS.6.2.1