

Update 2026							
Science Objective Correlation with ACE Education activities							
Standard applicable to ACE Ed - details below							
LS.5.2	Understand the interdependence of plants and animals within their ecosystem						
LS.5.3	Understand some characteristics of an organism are inherited and other characteristics are acquired						
ESS.5.1	Understand how Earth's systems (hydrosphere and atmosphere) impact patterns of weather and climate						
	ESS.5.1.1 Analyze and interpret data to compare daily and seasonal changes in weather conditions (including wind speed and direction, precipitation, and temperature) and patterns.						
	ESS.5.1.4 Use models to explain how the sun's energy drives the processes of the water cycle (including evaporation, transpiration, condensation, precipitation)						
P.S.5.1	Understand the interactions of matter and energy and they changes that occur						
GRADE	STRAND	ACTIVITY	STANDARD				
5	Ecosystems	Pond Life - Food Web	LS.5.2				
		Ecosystems	LS.5.2				
		Ecosystems-Weather	LS.5.2, ESS.5.1.1				
	Earth's Systems	Seasonal Changes	ESS.5.1.1				
		Incredible Journey	ESS.5.1.4				
		Water Cycle Tag	ESS.5.1.4				
	Matter & its Interactions	Mass and Volme in Nature	PS 5.1.1				
	Heredity - Inheritance & Variation of Traits	Pond Study - Lifecycles	LS.5.3				