

4th Grade Science Priority Standards



Earth Space Science (ESS1) Earth's Place in the Universe	Earth Space Science (ESS2) Earth's Systems
<ul style="list-style-type: none"> • SCI-04.ESS1.01 - Identify evidence from patterns in rock formations and fossils in rock layers to support an explanation for changes in a landscape over time. 	<ul style="list-style-type: none"> • SCI-04.ESS2.01 - Make observations and metric measurements to provide evidence of the effects of weathering and the rate of erosion by water, ice, wind, or vegetation. • SCI-04.ESS2.02 - Analyze and interpret data from maps to describe patterns of Earth's features.
Earth Space Science (ESS3) Earth and Human Activity	Life Science (LS1) From Molecules to Organisms: Structures and Processes
<ul style="list-style-type: none"> • SCI-04.ESS3.01 - Obtain and combine information to describe that energy and fuels are derived from natural resources and their uses affect the environment. 	<ul style="list-style-type: none"> • SCI-04.LS1.01 - Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.
Physical Science (PS3) Energy	Physical Science (PS4) Waves and Their Applications in Technologies for Information Transfer
<ul style="list-style-type: none"> • SCI-04.PS3.01 - Use evidence to construct an explanation relating the speed of an object to the energy of that object. • SCI-04.PS3.03 - Ask questions and predict outcomes about the changes in energy that occur when objects collide. 	<ul style="list-style-type: none"> • SCI-04.PS4.03 - Construct a code to convey information by researching past and present methods of transmitting information.