

Ohio Science Standards and Model Curriculum Content Statement - Grade 8



	Earth and Space Science (ESS)	Physical Science (PS)	Life Science (LS)
Program	<ul style="list-style-type: none"> • The composition and properties of Earth's interior are identified by behavior of seismic waves. • Earth's crust consists of major and minor tectonic plates that move relative to each other. • A combination of constructive and destructive geological processes formed Earth's surface. • Evidence of the dynamic changes of Earth's surface through time is found in the geological record. 	<ul style="list-style-type: none"> • Forces between objects act when the objects are in direct contact or when they are not touching. • Forces have magnitude and direction. • There are different types of potential energy. 	<ul style="list-style-type: none"> • Diversity of species occurs through gradual processes over many generations. Fossil records provide evidence that changes have occurred in number and types of species. • Reproduction is necessary for the continuation of every species. • The characteristics of an organism are a result of inherited traits received from the parent(s).
Topographic Maps	X		
Geology Table	X		
Bottleneck Genes			X