

**Main Criteria:** Ohio Learning Standards  
**Secondary Criteria:** Social Studies Online  
**Subjects:** Science, Social Studies  
**Grade:** 8  
**Correlation Options:** Show Correlated

**Ohio Learning Standards**

Science

Grade: 8 - Adopted: 2018

DOMAIN / ACADEMIC CONTENT STANDARD		EARTH AND SPACE SCIENCE (ESS)
STANDARD / BENCHMARK		Topic: Physical Earth - This topic focuses on the physical features of Earth and how they formed. This includes the interior of Earth, the rock record, plate tectonics and landforms.
BENCHMARK / GRADE LEVEL INDICATOR	8.ESS.2:	Earth's lithosphere consists of major and minor tectonic plates that move relative to each other.

PROFICIENCY  
LEVEL

Historical data and observations such as fossil distribution, paleomagnetism, continental drift and sea-floor spreading contributed to the theory of plate tectonics. The rigid tectonic plates move with the molten rock and magma beneath them in the upper mantle.

**Social Studies Online**

Galapagos Islands

National Parks - Alaska & Hawaii

National Parks - Wyoming, Utah

PROFICIENCY  
LEVEL

Convection currents in the asthenosphere cause movements of the lithospheric plates. The energy that forms convection currents comes from deep within the Earth.

**Social Studies Online**

Galapagos Islands

PROFICIENCY  
LEVEL

There are three main types of plate boundaries: divergent, convergent and transform. Each type of boundary results in specific motion and causes events (such as earthquakes or volcanic activity) or features (such as mountains or trenches) that are indicative of the type of boundary.

**Social Studies Online**

Galapagos Islands

National Parks - Nevada, California

National Parks - Wyoming, Utah

DOMAIN / ACADEMIC CONTENT STANDARD		EARTH AND SPACE SCIENCE (ESS)
STANDARD / BENCHMARK		Topic: Physical Earth - This topic focuses on the physical features of Earth and how they formed. This includes the interior of Earth, the rock record, plate tectonics and landforms.
BENCHMARK / GRADE LEVEL INDICATOR	8.ESS.3:	A combination of constructive and destructive geologic processes formed Earth's surface.

PROFICIENCY LEVEL	Earth's surface is formed from a variety of different geologic processes, including but not limited to plate tectonics.
	<a href="#">Social Studies Online</a> <a href="#">Galapagos Islands</a> <a href="#">National Parks - Alaska &amp; Hawaii</a> <a href="#">National Parks - Nevada, California</a> <a href="#">National Parks - Washington, Oregon, Idaho, Montana, Colorado</a> <a href="#">National Parks - Wyoming, Utah</a>

DOMAIN / ACADEMIC CONTENT STANDARD		LIFE SCIENCE (LS)
STANDARD / BENCHMARK		Topic: Species and Reproduction - This topic focuses on continuation of the species.
BENCHMARK / GRADE LEVEL INDICATOR	8.LS.1:	Diversity of species, a result of variation of traits, occurs through the process of evolution and extinction over many generations. The fossil records provide evidence that changes have occurred in number and types of species.

PROFICIENCY LEVEL	Throughout Earth's history, extinction of a species has occurred when the environment changes and the individual organisms of that species do not have the traits necessary to survive and reproduce in the changed environment. Most species (approximately 99 percent) that have lived on Earth are now extinct.
	<a href="#">Social Studies Online</a> <a href="#">Amazon Rainforest - People and Threats - Grades 6-8</a>

Ohio Learning Standards  
Social Studies  
Grade: 8 - Adopted: 2018

DOMAIN / ACADEMIC CONTENT STANDARD		THEME: U.S. STUDIES FROM 1492 TO 1877: EXPLORATION THROUGH RECONSTRUCTION
STANDARD / BENCHMARK		GOVERNMENT STRAND
BENCHMARK / GRADE LEVEL INDICATOR		ROLES AND SYSTEMS OF GOVERNMENT
PROFICIENCY LEVEL		Content Statements:

INDICATOR	22.	The U.S. Constitution established a federal republic, providing a framework for a national government with elected representatives, separation of powers, and checks and balances.
		<a href="#">Social Studies Online</a> <a href="#">Washington, DC - Grades 6 - 12</a>

INDICATOR	23.	The U.S. Constitution protects citizens' rights by limiting the powers of government.
		<a href="#">Social Studies Online</a> <a href="#">Washington, DC - Grades 6 - 12</a>