

Main Criteria: Ohio Learning Standards
Secondary Criteria: Virtual Field Trips
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.

Virtual Field Trips

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.

Virtual Field Trips

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.

Virtual Field Trips

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. Virtual Field Trips Galapagos Islands National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
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.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

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.

Virtual Field Trips

Washington, DC - Grades 6 - 12

INDICATOR 23. The U.S. Constitution protects citizens' rights by limiting the powers of government.

Virtual Field Trips

Washington, DC - Grades 6 - 12