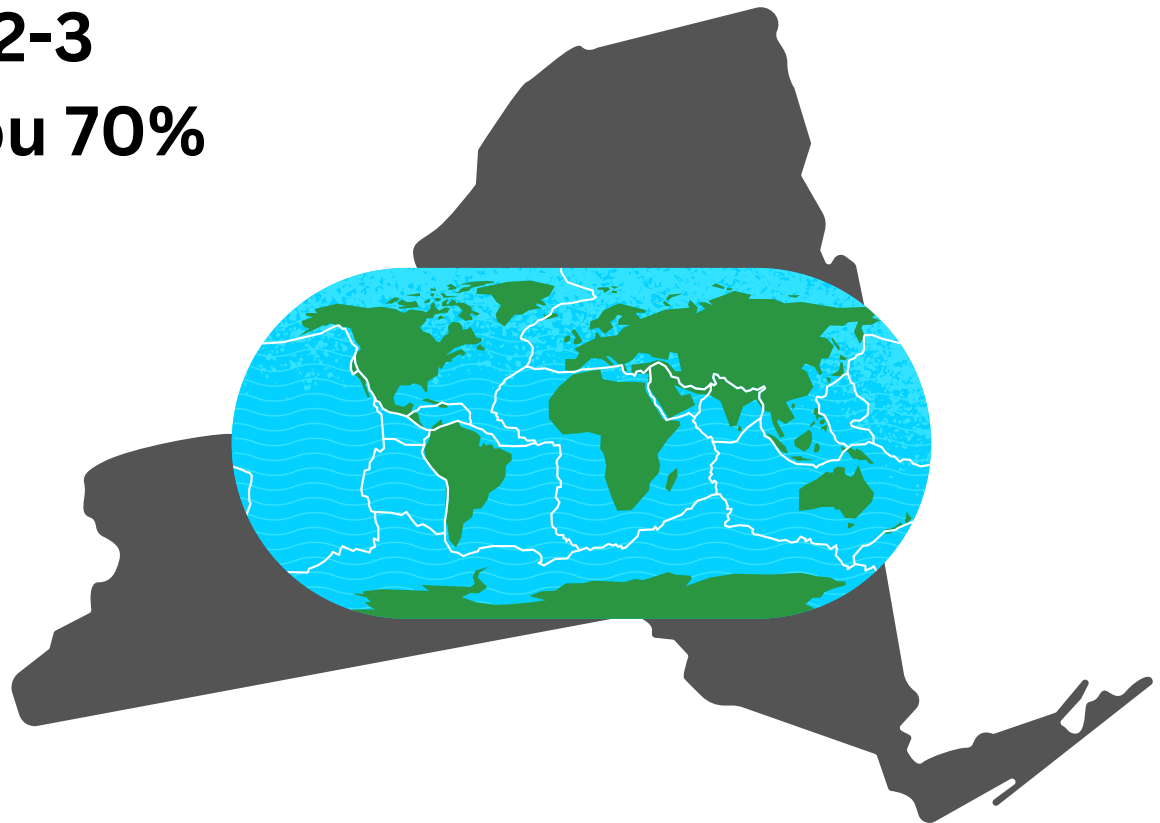


New York State P-12 Science Learning Standards (NYSSLS)

MS. History of Earth

- ✓ Complete Standard for New York Middle School - History of Earth Standard
- ✓ MS-ESS1-4, ESS2-2, ESS2-3
- ✓ The Bundle will SAVE you 70%



UPGRADE to the Bundle



This Bundle:

- Get immediate access to my **COMPLETE** New York State Middle School Curriculum
- Every standard covered at a **HUGE DISCOUNT**

New York Middle School Science Curriculum

New York State P-12 Science Learning Standards (NYSSLS)

- ✓ Standards are directly aligned to New York State Middle School Science Standards according to the New York State Education Department
- ✓ The Bundle will SAVE you 80%



Click here to have a look

Resources Included

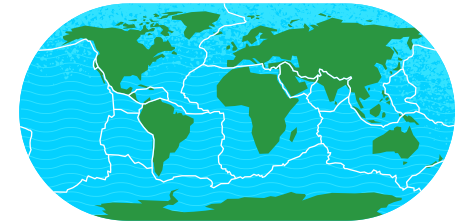
MS-ESS1-4

- Rock Types and the Rock Cycle – Lesson
- Fossils and Geologic Time – Lesson
- Earthquakes, Volcanoes and Tsunamis – Lesson
- Geologic Time - Reading
- The Rock Cycle - Scavenger Hunt
- The Rock Cycle - Lab Station Activity
- Earths Systems and the Rock Cycle Review Game - Science Word Sprint
- The Earths Puzzle - A Geologic Adventure - Story Prompt
- The Rock Cycle Word Search and Scramble Activity



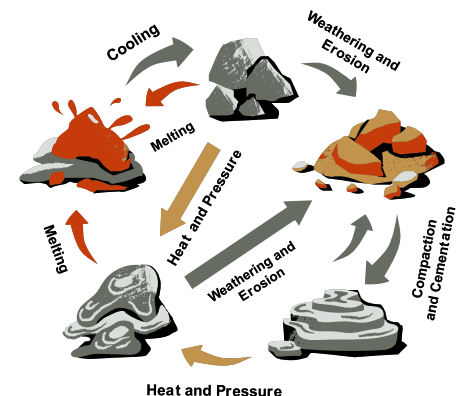
MS-ESS2-2

- Earthquakes, Volcanoes and Tsunamis Lesson
- Earthquakes and Volcanoes - Scavenger Hunt
- Earthquakes and Volcanoes Lab Station Activity
- Earthquakes Reading
- Earth's Layers Lesson
- Tectonic Plates Lesson
- Plate Tectonics Reading
- Plate Tectonics Lab Station Activity
- Weathering, Erosion, and Deposition Lesson
- Caves and How They Form Lesson



MS-ESS2-3

- Fossils and Geologic Time Lesson
- Fossils and Geologic Time Lab Station Activity
- Fossils Reading
- Geologic Time Reading
- Science Story Prompt the Earths Puzzle A Geologic Adventure
- Tectonic Plates Lesson
- Rock Types and the Rock Cycle Lesson



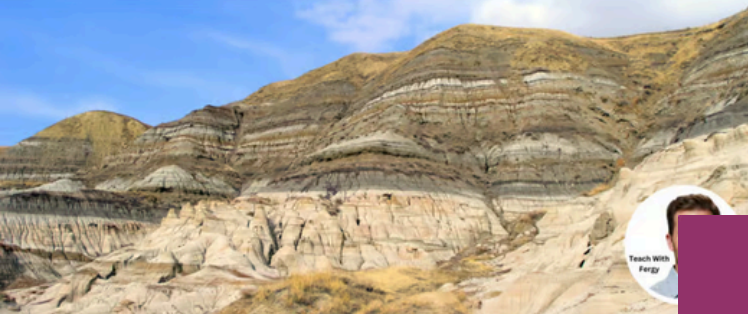
Bundles Included

NGSS MS-ESS1-4

Curriculum Bundle

Geologic Time Scale & Rock Strata: Explaining Earth's History

- ✓ 3 Lessons and 6 Activities
- ✓ Everything You Need to Teach NGSS MS-ESS1-4

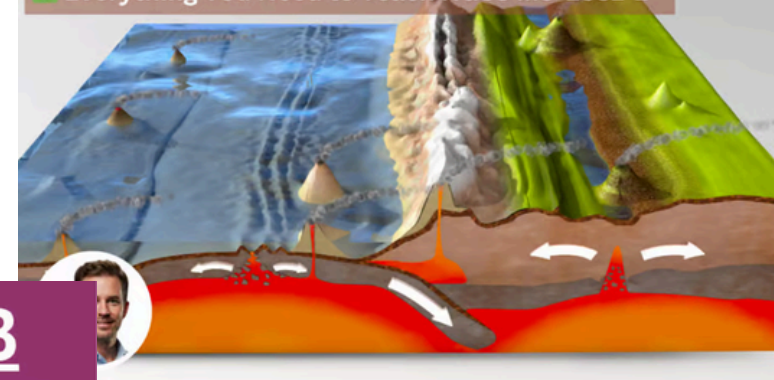


NGSS MS-ESS2-2

Curriculum Bundle

Shaping the Earth

- ✓ 5 Lessons and 5 Activities
- ✓ Everything You Need to Teach NGSS MS-ESS2-2



NGSS MS-ESS2-3

Curriculum Bundle

Evidence of Plate Tectonics - Fossils, Rock Cycle, and Geologic Time

- ✓ 3 Lessons and 4 Activities
- ✓ Everything You Need to Teach NGSS MS-ESS2-3

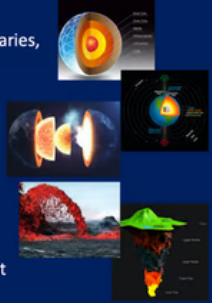


Everything You Need to Teach Middle School History of the Earth in New York State using NYSSLS

Complete Lessons

Earthquakes, Volcanoes, and Tsunamis
MIDDLE SCHOOL – EARTH SCIENCE

- Earthquakes
- Tectonic Plates, Boundaries, and Seismic Waves
- The Great Chilean Earthquake
- Volcanoes
- Types of Volcanoes
- Volcano Dangers
- Mount Tambora
- Tsunamis
- Social and Environment Impact of Tsunamis



Fossils and Geologic Time
MIDDLE SCHOOL – EARTH SCIENCE

- What is a Fossil?
- How Does Fossilization Occur?
- Rock Strata
- The Fossil Record
- The Geologic Time Scale



Rock Types and the Rock Cycle
MIDDLE SCHOOL – EARTH SCIENCE

- Earth's Layers
- The Plate Tectonic Theory
- Earth's Primary & Secondary Plates
- Continental Drift
- The Changing Earth
- Plate Boundaries
 - Divergent, Convergent, & Transform Boundary



Tectonic Plates
MIDDLE SCHOOL – EARTH SCIENCE

- Earth's Layers
- The Plate Tectonic Theory
- Earth's Primary & Secondary Plates
- Continental Drift
- The Changing Earth
- Plate Boundaries
 - Divergent, Convergent, & Transform Boundary



Engaging Activities

Device-Based Scavenger Hunt Earthquakes and Volcanoes

Includes

- 5 Unique Locations
- Online form submission
- Answer Key

Works on all smartphones, tablets, Chromebooks, and laptops

100% Digital

- Simulations
- Quizzes
- Videos
- Games
- and more



Earthquakes and Volcanoes Lab Station Activity



7 Lab Station Activities to get your kids out of their seats and engaged in their learning

The Earth's Puzzle - A Geologic Adventure



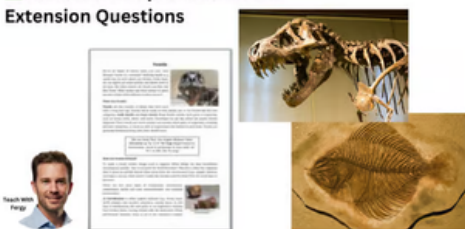
Story Prompt

Reading Comprehension Passage & Questions

Fossils

6th, 7th, and 8th Grade Science

- ✓ No Prep, Ready-to-Use Resource in Google and Office Format
- ✓ Includes Comprehension and Extension Questions



The Standard is Explained and the Resources it Incorporates are Outlined

MS. History of Earth – New York State – Middle School

MS-ESS1-4: Construct a scientific explanation based on evidence from rock strata for how the geologic time scale is used to organize Earth's 4.6-billion-year-old history. Emphasis is on how analyses of rock formations and the fossils they contain are used to establish relative ages of major events in Earth's history. Example of Earth's major events could range from being very recent (such as the last Ice Age or the earliest fossils of *Homo sapiens*) to very old (such as the formation of Earth or the earliest evidence of life). Examples can include the formation of mountain chains and ocean basins, the evolution or extinction of particular living organisms, or significant volcanic eruptions.

Assessment Boundary: Assessment does not include recalling the names of specific periods or epochs and events within them.

Resources:

- Rock Types and the Rock Cycle – Lesson
- Fossils and Geologic Time – Lesson
- Earthquakes, Volcanoes and Tsunamis – Lesson
- Geologic Time - Reading
- The Rock Cycle - Scavenger Hunt
- The Rock Cycle - Lab Station Activity
- Earths Systems and the Rock Cycle Review Game - Science Word Sprint
- The Earths Puzzle - A Geologic Adventure - Story Prompt
- The Rock Cycle Word Search and Scramble Activity

MS-ESS2-2. Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales. [Clarification Statement: Emphasis is on how processes change Earth's surface at time and spatial scales that can be large (such as slow plate motions or the uplift of large mountain ranges) or small (such as rapid landslides or microscopic geochemical reactions), and how many geoscience processes (such as earthquakes, volcanoes, and meteor impacts) usually behave gradually but are punctuated by catastrophic events. Examples of geoscience processes include surface weathering and deposition by the movements of water, ice, and wind. Emphasis is on geoscience processes that shape local geographic features, where appropriate.]

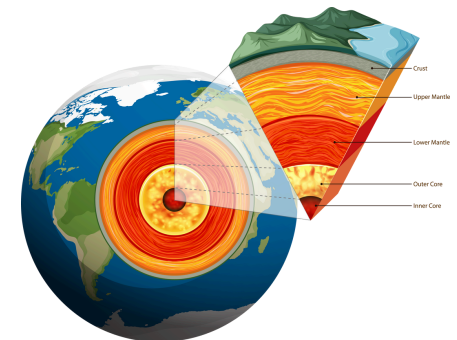
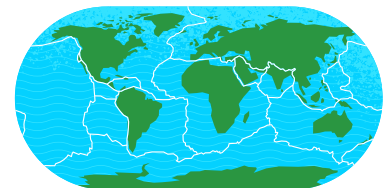
Resources:

- Earthquakes, Volcanoes and Tsunamis Lesson
- Earthquakes and Volcanoes - Scavenger Hunt
- Earthquakes and Volcanoes Lab Station Activity
- Earthquakes Reading
- Earth's Layers Lesson
- Tectonic Plates Lesson
- Plate Tectonics Reading
- Plate Tectonics Lab Station Activity
- Weathering, Erosion, and Deposition Lesson
- Caves and How They Form Lesson

MS-ESS2-3. Analyze and interpret data on the distribution of fossils and rocks, continental shapes, and seafloor structures to provide evidence of the past plate motions. [Clarification Statement: Examples of data include similarities of rock and fossil types on different continents, the shapes of the continents (including continental shelves), and the locations of ocean structures (such as ridges, fracture zones, and trenches).] [Assessment Boundary: Paleomagnetic anomalies in oceanic and continental crust are not assessed.]

Resources:

- Fossils and Geologic Time Lesson
- Fossils and Geologic Time Lab Station Activity
- Fossils Reading
- Geologic Time Reading
- Science Story Prompt the Earths Puzzle A Geologic Adventure
- Tectonic Plates Lesson
- Rock Types and the Rock Cycle Lesson



Who is this Bundle for?

- Teachers who teach middle school science in **New York State** and use the **NYSSLS** NGSS.
- Teachers who want multiple resources at their fingertips including lessons and a variety of activities, in order to meet the standard.
- Teachers who don't have time to develop their own resources or organize what to teach and when.

