

NGSS MS-ESS2-2

Curriculum Bundle

Shaping the Earth

- ✓ 5 Lessons and 5 Activities
- ✓ Daily Teaching Timeline Included
- ✓ Everything You Need to Teach NGSS MS-ESS2-2

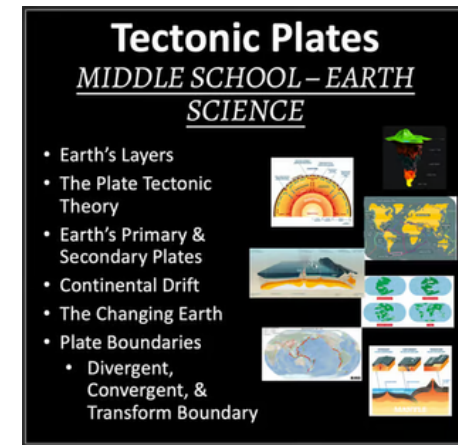


Resources Included

✓ 5 Lessons

✓ 5 Activities

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



Everything You Need to Teach

NGSS MS-ESS2-2

Erosion, Weathering, and Deposition

MIDDLE SCHOOL – EARTH SCIENCE

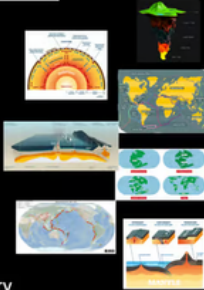
- Physical Weathering
- Chemical Weathering
- Erosion
- Sediment Transport
- Deposition



Tectonic Plates

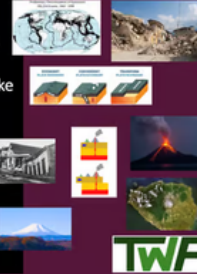
MIDDLE SCHOOL – EARTH SCIENCE

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



Earthquakes, Volcanoes, and Tsunamis

- 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



This digital presentation includes both Google and Office resources and is Google Classroom Ready

Earth's Layers

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

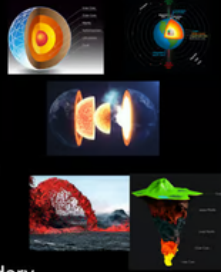


Plate Tectonics

Scientific Reading
Comprehension Article and
Extension Activity – **Grades 5-7**



Improve your students **Literacy** and **Analysis Skills**, use as an **Emergency Substitute Plan** or create **Applicability** in your classroom

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



Reading Comprehension Passage & Questions

Earthquakes

6th, 7th, and 8th Grade Science

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



Caves and How They Form

MIDDLE SCHOOL – EARTH SCIENCE

- What Caves Are
- Speleology
- Cave Formation
- Stratigraphy and Stratums
- Stalactites, Stalagmites, and Columns

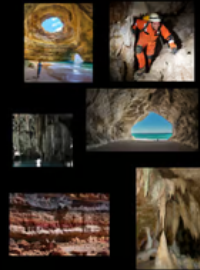
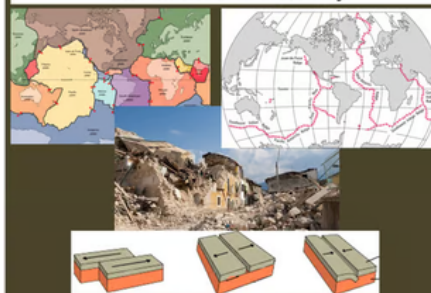


Plate Tectonics Lab Station Activity



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

Earthquakes and Volcanoes Lab Station Activity



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

Includes a Daily Teaching Timeline for the Standard and the Resources it Uses

MS ESS2 Earth's Systems

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

NGSS Standard Daily Teaching Plan

Lesson Length: 55

Timeframe: 10 Days

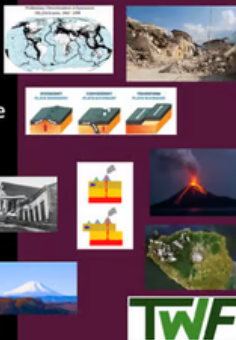
Earthquakes and Volcanoes Lab Station Activity

Day	Lesson
Day 1	Earthquakes
Day 2	Tectonic Plates
Day 3	Plate Tectonics
Day 4	Plate Tectonics
Day 5	Earthquakes
Day 6	Earthquakes
Day 7	Earthquakes
Day 8	Earthquakes
Day 9	Volcanoes
Day 10	Volcanoes

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

Earthquakes, Volcanoes, and Tsunamis

- 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



This digital presentation includes both Google and Office resources and is Google Classroom Ready

Reading Comprehension Passage & Questions

Earthquakes

6th, 7th, and 8th Grade Science

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



Who is this Bundle for?

- **Teachers who teach middle school science and use the 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**