

NGSS MS-ESS3-2

Curriculum Bundle

Forecasting Natural Hazards

✓ 1 Lesson and 8 Activities

✓ Everything You Need to Teach NGSS MS-ESS3-2



Resources Included

✓ 1 Lesson

✓ 8 Activities

- Earthquakes, Volcanoes and Tsunamis Lesson
- Earthquakes and Volcanoes - Scavenger Hunt
- Earthquakes and Volcanoes Lab Station Activity
- Earthquakes Reading
- Hurricanes Reading
- Volcanoes Reading
- Straw Tower STEM Engineering Challenge
- Paper Bridge STEM Challenge
- Pasta Tower STEM Challenge



Reading Comprehension Passage & Questions

Volcanoes

6th, 7th, and 8th Grade Science

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



Everything You Need to Teach NGSS MS-ESS3-2

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



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



Earthquakes and Volcanoes Lab Station Activity



Reading Comprehension Passage & Questions

Hurricanes

6th, 7th, and 8th Grade Science

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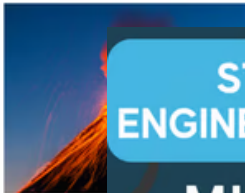


Reading Comprehension Passage & Questions

Volcanoes

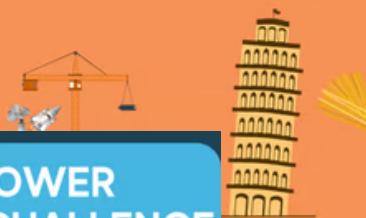
6th, 7th, and 8th Grade Science

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PASTA TOWER ENGINEERING CHALLENGE

MIDDLE SCHOOL



STRAW TOWER ENGINEERING CHALLENGE

MIDDLE SCHOOL



Reading Comprehension Passage & Questions

Earthquakes

6th, 7th, and 8th Grade Science

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PAPER BRIDGE ENGINEERING CHALLENGE Middle School



The Standard is Explained and the Resources it Incorporates are Outlined

Next Generation Science Standards Package MS ESS3 Earth and Human Activity

MS-ESS3-2. Analyze and interpret data on natural hazards to forecast future catastrophic events and inform the development of technologies to mitigate their effects.

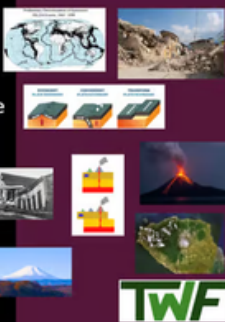
[Clarification Statement: Emphasis is on how some natural hazards, such as volcanic eruptions and severe weather, are preceded by phenomena that allow for reliable predictions, but others, such as earthquakes, occur suddenly and with no notice, and thus are not yet predictable. Examples of natural hazards can be taken from interior processes (such as earthquakes and volcanic eruptions), surface processes (such as mass wasting and tsunamis), or severe weather events (such as hurricanes, tornadoes, and floods). Examples of data can include the locations, magnitudes, and frequencies of the natural hazards. Examples of technologies can be global (such as satellite systems to monitor hurricanes or forest fires) or local (such as building basements in tornado-prone regions or reservoirs to mitigate droughts).]

Resources:

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Earthquakes, Volcanoes, and Tsunamis

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- Social and Environment Impact of Tsunamis



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

Device-Based Scavenger Hunt Earthquakes and Volcanoes



- Includes
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 - 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

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**