

Grade 7

Distance Learning Module 3: Earthquakes and Volcanoes: Week of 4/13 - 4/17

Science: Grade 7 - Modified from [Unit 5- Geologic Processes](#)

Targeted Goals from Stage 1: Desired Results

Content Knowledge: Earth's surface is constantly being shaped and reshaped by natural processes. Some of these processes, like earthquakes and volcanic eruptions, produce dramatic and rapid change.

Vocabulary: See attached vocabulary chart

Skills:

- Students will be able to identify the location of volcanoes and/or earthquakes comparing it to the location of plate boundaries.
- Students will be able to explain how plate boundaries impact the formation of volcanoes and earthquakes.
- Students will be able to explain how scientists use their understanding of plate boundaries to determine and predict the likelihood of geologic events.

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Complete Module 3 vocab chart. Google definitions and add an image to the chart.	Module 3 vocabulary chart	Submit Module 3 Vocabulary chart on Google Classroom
Tuesday: Visit the linked website, read and watch the videos and then answer the corresponding questions. Click on any links on the page to help your understanding of the words/concepts.	CK-12 - Volcanoes at Plate Boundaries Practice Questions	Submit CK-12 - Volcanoes at Plate Boundaries lesson practice questions on Google Classroom
Wednesday: Earthquake and Volcano web quest and	Earthquake and Volcano web quest	Completion of the volcano section will be checked Wednesday morning. Progress will

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research. Visit the website to learn about specific earthquakes and volcanoes around the world. This will be a two-day lesson, complete the section on volcanoes today.		be monitored through google classroom.
Thursday: Continue the Earthquake and Volcano web quest and research. Complete the section on earthquakes today.	Earthquake and Volcano web quest	Complete the earthquake section and submit the assignment on Google Classroom.
Friday: Read the Newsela article and complete the quiz. Complete the Edulastic assessment “Module 3: Volcanoes and Earthquakes”.	The Science of Earthquakes	Submit the 4 question quiz on Newsela. Complete the Edulastic assessment “Module 3: Earthquakes and Volcanoes”. This will be opened Friday morning.

Week criteria for success (attach student checklists or rubrics):

1. Students will be able to explain how plate boundaries impact the formation of volcanoes and earthquakes.
2. Students will be able to answer the questions in the Edulastic formative assessment with a score of 80% or higher. Those who do not score above 80% will be expected to complete the teacher assigned lessons and retake the assessment.

Supportive resources and tutorials for the week (plans for re-teaching):

All links to resources below are posted in Google classroom:

Interactive map of boundaries, volcanoes, earthquakes

Dive Discover plate-tectonics plate-boundaries

Geolosc.org.uk-Plate-Tectonics

Newsela article- faults and earthquakes

Newsela article- ring of fire, volcanoes

Newsela article Yellowstone volcano

CK-12 online lessons