Grade 7
Distance Learning Module 1: Continental Drift: Week of 3/30 - 4/3

Science: Grade 7 - *Modified from Unit - Geologic Processes*

Targeted Goals from Stage 1: Desired Results

Content Knowledge:

- The geologic time scale is interpreted from the analyses of rock strata and the fossil record.
- The history of natural hazards can help forecast geological events (earthquakes, tsunamis, volcanic eruptions)

Vocabulary: See attached vocabulary chart

Skills: Students will be able to locate former locations of plate boundaries and use data evidence to determine how the plates have moved to support the Theory of Continental Drift.

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Complete Module 1 vocab chart. Google definitions and add an image to the chart.	Module 1 vocabulary chart	Submit Module 1 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 5.1 - Continental Drift Lesson Questions	Submit CK-12 5.1 - Continental Drift lesson check questions on Google Classroom
Wednesday: Case of the Mesosaurus -	Case of the Mesosaurus	Submit Case of the Mesosaurus on Google Classroom

Thursday: Watch the video, from 4:40-17:00, take notes as you watch. Go to Google Classroom and respond to the prompt.	How the Earth Was Made Video - Alps segment from 4:40-17:00	Students should respond to the Prompt on Google Classroom.
Friday: Read the Newsela article and complete the quiz. Complete the Edulastic assessment "Module 1: Continental Drift".	Newsela Article, "Plate tectonics: Earth's continents and oceans are on the move"	Submit the 4 question quiz on Newsela. Complete the Edulastic assessment "Module 1: Continental Drift". This will be opened Friday morning.

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

- Students are able to demonstrate their understanding of continental drift and the evidence to support it by explaining how two different pieces of evidence support plate tectonics.
- Students thoroughly and accurately define key terms related to continental drift and plate tectonics.
- 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):

Newsela map of fossil evidence
Newsela article- Alfred Wegner and continental drift
Interactive maps of pangaea:
brilliantmaps-modern-pangaea/
mymodernmet-ancient-earth-pangea-interactive-map
smithsonian -travel-through-deep-time-interactive-earth
Continental drift informational article
NASA science-news