

Geology Unit Extra Credit Options

(pick one of the options below)

Auditory - Seismographs are super useful in helping scientists learn about earthquakes and about the interior of the Earth. However, they can also be useful to hear other vibrations, too! Go to [this](#) website and watch the video called Listening to Earthquakes. After you have watched the video, open a Google Doc and write a one paragraph summary about what you learned from the video and what you thought about it. Then go online and find another link that lets humans listen to what earthquakes sound like. Copy and paste the link into your Google Doc and then write another summary (at least one paragraph again) about what you learned from the second video and what you thought about it. Attach your Google Doc to this assignment and then turn it in!

Visual - Minerals are needed in our lives in multiple ways (eating them, building materials, etc.) and yet most people don't understand how important they are to humans. To help with this, create a poster using Google Drawings or a physical poster using materials in your home. Your poster should describe what minerals are, where they are found, how they help humans in their lives, and there should be pictures on your poster to help illustrate your points. Attach your digital poster or pictures of your physical poster to this assignment and then turn it in!

Verbal - Earthquakes and volcanic eruptions are happening all the time in our world! Research into a recent earthquake or a recent volcanic eruption. After you understand the event, create a video news report about the event. Your news report should be at least a minute but under two minutes. In your report, make sure to give basic information about the event (when, where, what happened, etc.) and a brief reminder on how earthquakes or volcanoes happen. Record yourself giving the report and then attach the video to this assignment and turn it in!

Logical - We talked briefly about drought and the world wide water crisis in class, but research more into what it is and how places are trying to help to combat it. Create something to share what you learned (Slides, essay, video, poster, etc.). Make sure to describe the phenomena and how it is impacting places. Attach what you created to this assignment and turn it in!

Kinesthetic - Create a diorama of a biome here on Earth. Then on a Google Doc, describe how all five of the spheres of Earth are seen in your biome. Attach multiple pictures of your diorama (so I can see all parts of it) and your Google Doc to this assignment and turn it in!

Social - Geology and the topics we have talked about during this unit are all around you! Think about a trip your family has gone on and what geological features you saw on that trip. (Interesting rock formations on the beach? Weird layers seen on a rock trip?) Using your own personal experience, create something to share about your trip and the geological features seen on it. You can create a slideshow using pictures from your trip and captions explaining what was seen, you can create a video describing what happened and what was seen, you could create a poster... up to you on how you present the information. However, make sure it is from your own trip and your own experiences. Ask family members who were also on the trip to help jog your memory as they might have seen some different geological features as well! (Miss Johnson stole this idea from [this](#) website so look there if you want more info about what to do for this assignment.) Attach what you create to the assignment and then turn it in!

Intrapersonal - Read through two articles ([here](#) and [here](#)) while taking notes on a piece of paper about new information. After you have read through the articles, open up a Google Doc and create a summary of the two articles describing what they were about and what information they were trying to convey to their audience. Then, in a paragraph or two, describe how the information connects with you and your life. (Think about questions like: What did you already know? What did you learn? How could this impact your life? What would you be interested in learning more about?) Attach your Google Doc to this assignment and turn it in!