

Lesson ideas for geography teachers to share: Geology rocks!

Go to

<https://www.funkidslive.com/learn/geology-rocks/#>

The Geological Society has some excellent resources for use in the geography classroom. This week we will signpost you specially to resources that underscore why geological understanding is so important in geography.

The hyperlinks below are to the *Geology Rocks!* podcast. Each are only 2 minutes long. Have a listen for key definitions and a general update.

1. Earth's history – Creation of Earth <https://podcasts.apple.com/gb/podcast/geology-rocks-earths-history-creation-of-earth/id551974504?i=1000331815488>
2. Earthquakes and volcanoes <https://podcasts.apple.com/gb/podcast/geology-rocks-earthquakes-and-volcanos/id551974504?i=1000331815475>
3. Sedimentary rock <https://podcasts.apple.com/gb/podcast/geology-rocks-sedimentary-rocks/id551974504?i=1000331815478>
4. Igneous rock <https://podcasts.apple.com/gb/podcast/geology-rocks-igneous-rocks/id551974504?i=1000331815474>
5. Metamorphic rock <https://podcasts.apple.com/gb/podcast/geology-rocks-metamorphic-rocks/id551974504?i=1000331815486>

Suggested further work

Access <https://www.geolsoc.org.uk/volcanoes> and click through to the volcano factsheets.

1. Download the Rock Cycle factsheet. How are rocks defined?
2. Explain why different igneous rocks have different crystal sizes. Can you give an example of a rock that has cooled quickly?
3. Download the Volcanoes factsheet (secondary). What affects a volcano's explosivity?
4. Explain how a volcano bulge or changes in ground level can be used to predict an eruption.
5. Download the Earthquakes factsheet (secondary). How many times a year are there earthquakes?
6. Why is the continental-continental boundary of Iran more deadly than the oceanic-continental boundary that Chile lies on?
7. What is the difference between S and P waves and why is understanding the distinction useful to geographers?

Why not download and print off the above 3 posters on the Rock Cycle, Volcanoes and Earthquakes from the Geological Society?