

Grade 4

Unit 5: *Geology*



Unit-level Essential Question

What is below the earth's surface?

Lessons 1-5

Guiding Question: What causes geologic phenomena?

Writing Prompt: What do tectonic plates have to do with earthquakes?

Lessons 6-10

Guiding Question: How have people explained geologic phenomena in the past?

Writing Prompt: You have read two myths explaining the existence of volcanoes. With those in mind, create your own myth about another geologic feature, like geysers or hot springs.

Lessons 11-15

Guiding Question: What geological features can be found at the ocean floor?

Writing Prompt: How are hydrothermal vents like geysers?

Unit 5 Culminating Activity

Imagine you are a geologist studying one geological feature from this unit (tectonic plates, faults, geysers, volcanoes, trenches, etc.). Choose one feature and find an example of it in nature, researching it and how it was formed.