

Construct

Create an earthquake-resistant structure. Use everyday materials (marshmallows, cocktail sticks, cardboard) to design and build a structure that can withstand a simulated earthquake. [Earthquake STEM Challenge](#)



Experiment

Build a homemade volcano using a plastic bottle, baking soda, and vinegar. Check out this glitter volcano YouTube video from [JJT Adventures](#). Or try making a volcano in a bottle.



Explore

Where is the Ring of Fire?
What is it?
Why is it so unique?



Can you draw it on a world map?
[Pacific Ring of Fire Facts for Kids](#)

Years 4 & 5 On Top of the World



Investigate

Research the world's worst:
-volcanic eruption
-earthquake
Where was it?
When did it happen?
What happened?
Why was it so catastrophic?



Compose

Write a poem about a volcano or earthquake. Could you become the voice of a volcano: "I am the mountain god.."



Or you could write an acrostic poem

Animate

Use the Stop Motion Studio app on a tablet to create an animation of a volcanic eruption. You could use plasticine, tissue paper, slime, playdough or Lego figures.



Move

Have fun using Kung Fu Panda moves to learn about tectonic plate boundaries. Use this video link:

[Plate Boundaries Kung Fu](#)



Be Inspired



Research the volcanic artwork of Nick Rowland. Use his paint techniques -such as splattering, flicking, dripping and blowing to create an explosive picture of a volcano.

[Nick Rowlands volcanic art](#)

Can you think of your own activity, linked to this topic?