



# Spectacular Science Activity

## Mountain Formation

### Fill-In-The-Blanks!

Look at the description of how mountains are formed. You will see that certain words are replaced with a blank. Your job is to fill in those blanks using the word bank. Use the Spectacular Science episode to help you.

Write your answers in the blanks.

**Refer to the last page for the answers.**

#### Word Bank:

Crust, collide, melted, tectonic plates, cools

### Mountain Formation

Magma, which is \_\_\_\_\_ rock and metal, seeps out of the inside of the Earth through cracks in the \_\_\_\_\_ or land. As the magma comes out and \_\_\_\_\_ down, it hardens into rock. Over millions of years, the magma cooling will form a cone-shaped mountain! Mountains can also form through tectonic plate movement. The Earth's crust is divided into pieces. We call these tectonic plates. The \_\_\_\_\_ can sometimes \_\_\_\_\_ or crash into each other. As the plates do this, it creates a ridge of rock where the two plates meet. That ridge is a mountain! Mountains can also be formed when tectonic plates pull apart from each other. When they pull apart, it creates a tall ridge with a pointy top.



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## Answer Key

### Mountain Formation

Magma, which is melted rock and metal, seeps out of the inside of the Earth through cracks in the crust or land. As the magma comes out and cools down, it hardens into rock. Over millions of years, the magma cooling will form a cone-shaped mountain! Mountains can also form through tectonic plate movement. The Earth's crust is divided into pieces. We call these tectonic plates. The tectonic plates can sometimes collide or crash into each other. As the plates do this, it creates a ridge of rock where the two plates meet. That ridge is a mountain! Mountains can also be formed when tectonic plates pull apart from each other. When they pull apart, it creates a tall ridge with a pointy top.