

Reading Comprehension | Geology | Volcanoes | Name: _____

VOLCANOES

Volcanoes look like giant mountains that have a hole in the top. Inside the hole, there's a lot of melted rock, ash, and gas. When pressure builds up, the melted rock and ash can shoot out of the hole like a big explosion. This is called an eruption.

Volcanoes can be active, dormant or extinct. When active, they can erupt again in the future. Dormant volcanoes haven't erupted in a long time and might not erupt again. Extinct volcanoes mean they won't ever erupt again.



Volcanoes can be found all over the world, but most are located along the edges of tectonic plates. Tectonic plates are big pieces of Earth's crust that fit together like a puzzle. When two plates move apart from each other, a volcano can form. This type of volcano is called a divergent boundary volcano.

Volcanoes can also form when one plate moves under another plate and melts. This type of volcano is called a convergent boundary volcano.

Some of the world's most famous volcanoes are found in places like Hawaii, Italy, Iceland, Japan, and the Philippines.

True or False

Circle the correct response:

- | | | |
|----------|---|--------------|
| 1 | Volcanoes erupt when pressure builds up inside them | T / F |
| 2 | Volcanoes are only be found in hot climates | T / F |
| 3 | A dormant volcano could erupt at any time | T / F |
| 4 | A divergent boundary volcano forms when two tectonic plates move away from each other | T / F |
| 5 | When a volcano erupts, it shoots out blood | T / F |
| 6 | Volcanoes are usually located on the edge of tectonic plates | T / F |