Name _____

The Fiery Birth of Igneous Rocks: Unraveling the Magma Magic

Multiple Choice Questions

1. What is magma?

a) A type of sedimentary rock

b) A molten rock deep within the Earth

c) A type of metamorphic rock

d) A rock that cools quickly on the surface

2. What happens when magma cools quickly on the Earth's surface?

a) It forms intrusive igneous rocks.

b) It creates fine-grained volcanic igneous rocks.

c) It becomes sedimentary rock.

d) It turns into metamorphic rock.

3. What role do volcanoes play in the formation of igneous rocks?

a) They prevent magma from cooling.

b) They slow down the cooling process.

c) They help magma cool rapidly on the surface.

d) They have no impact on igneous rock formation.

4. Where can volcanic igneous rocks be commonly found?

a) In underground caves

b) In mountain ranges like the Rockies

c) In deep ocean trenches

d) In deserts

5. Why does magma rise toward the Earth's surface?

a) Because it's denser than the surrounding rocks

b) Because it wants to stay deep within the Earth

c) Because it's cooler near the surface

d) Because it's less dense than the surrounding rocks