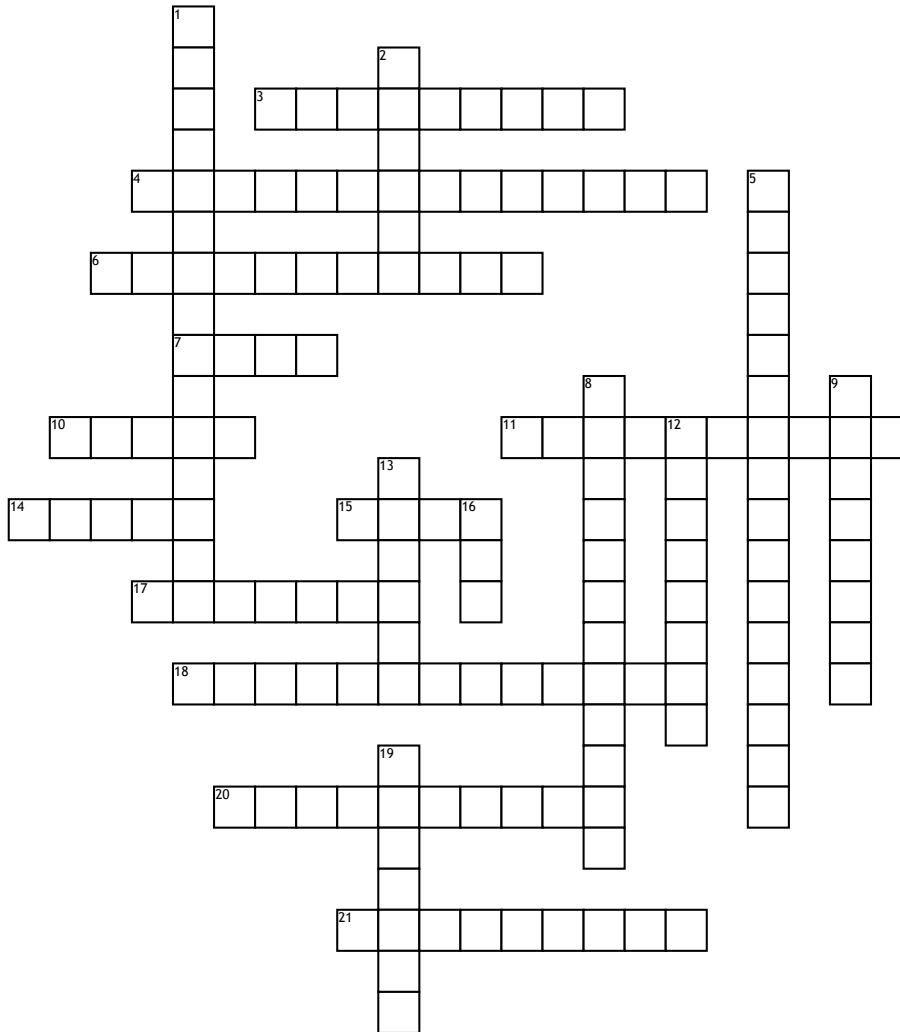


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Volcano Vocab



## Across

3. Igneous rock type which contains no minerals (crystals) at all
4. A volcano which is presently inactive but which may erupt again.
6. Any of various crystalline or glassy rocks formed by the cooling and solidification of molten earth material.
7. An opening at the Earth's surface of a volcanic conduit.
10. A crack or fracture in the earth's surface.
11. Igneous rock type in which slow cooling promotes the growth of minerals (crystals) large enough to be identified visually without the aid of a microscope
14. Molten rock beneath the surface of the earth.
15. Magma which has reached the surface through a volcanic eruption. Streams of liquid rock that flow from a crater or fissure.

17. A passage (pipe) followed by magma in a volcano
18. A volcano that is erupting or has erupted within historical time and is considered likely to do so in the future.

20. The regions of mountain-building earthquakes and volcanoes which surround the Pacific Ocean.

21. Igneous rock type which is composed of minerals (crystals) that can be seen only with the aid of a microscope

## Down

1. A volcano that consists of a complex of two or more vents, or a volcano that has an associated volcanic dome, either in its crater or on its flanks. Examples are Vesuvius and Mont Pelee.
2. A steep-sided, usually circular depression formed by either explosion or collapse at a volcanic vent
5. A steep volcanic cone built by both lava flows and pyroclastic eruptions.

8. The subterranean cavity containing the gas-rich liquid magma which feeds a volcano

9. Elongated fractures or cracks on the slopes of a volcano.

12. The process by which solid, liquid, and gaseous materials are ejected into the earth's atmosphere and onto the earth's surface by volcanic activity

13. The zone of the earth below the crust and above the core.

16. Fine particles of rock dust blown from an explosion vent.

19. A volcanic center, 60 to 120 miles across and persistent for at least a few tens of million of years, that is thought to be the surface expression of a persistent rising plume of hot mantle material

## Word Bank

Ring of Fire

Amorphous

Vent

Active Volcano

Crater

Phaneritic

Fault

Eruption

Mantle

Lava

Aphanitic

Compound Volcano

Hot Spot

Composite Volcano

Igneous Rock

Magma Chamber

Fissures

Dormant Volcano

Ash

Magma

Conduit