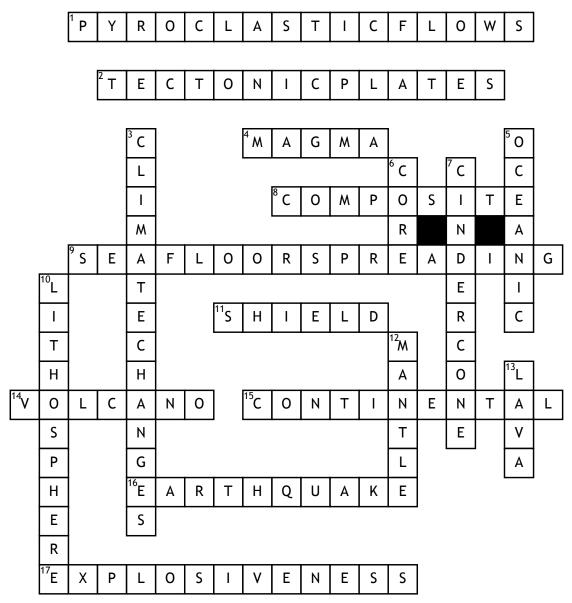
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## Plate Tectonics, Earthquakes, and Volcanoes



## **Across**

- 1. fast flowing clouds of hot ash and volcanic glass rolling down the mountainside
- 2. the two sub-layers of the earth's crust that float causing continental drift, earthquakes, volcanoes, mountains, and oceanic trenches.
- **4.** hot fluid that is under the Earth's surface
- **8.** Explosive eruptions followed by outpourings of lava. (the big ones)

- **9.** when two oceanic plates pull apart, magma rises and new crust is formed
- 11. Type of volcano that is almost entirely made of magma and lava
- **14.** A mountain that forms when magma is forced to the Earth's surface.
- **15.** earths crust made of land
- **16.** a sudden and violent shaking of the Earth as a result of movements within the earth's crust **17.** the composition of the
- **17.** the composition of the magma determines its what of the volcano?

## Down

- **3.** Volcanic gases can block out the sunlight causing what?
- **5.** earths crust located under the ocean
- **6.** part of the Earth's Composition that is made of iron and nickel
- **7.** Small volcanoes made from ash and rocks.
- **10.** technical name for crust and upper mantle
- **12.** the part of the Earth that contains most of Earth's mass
- **13.** hot molten rock above the Earth's surface