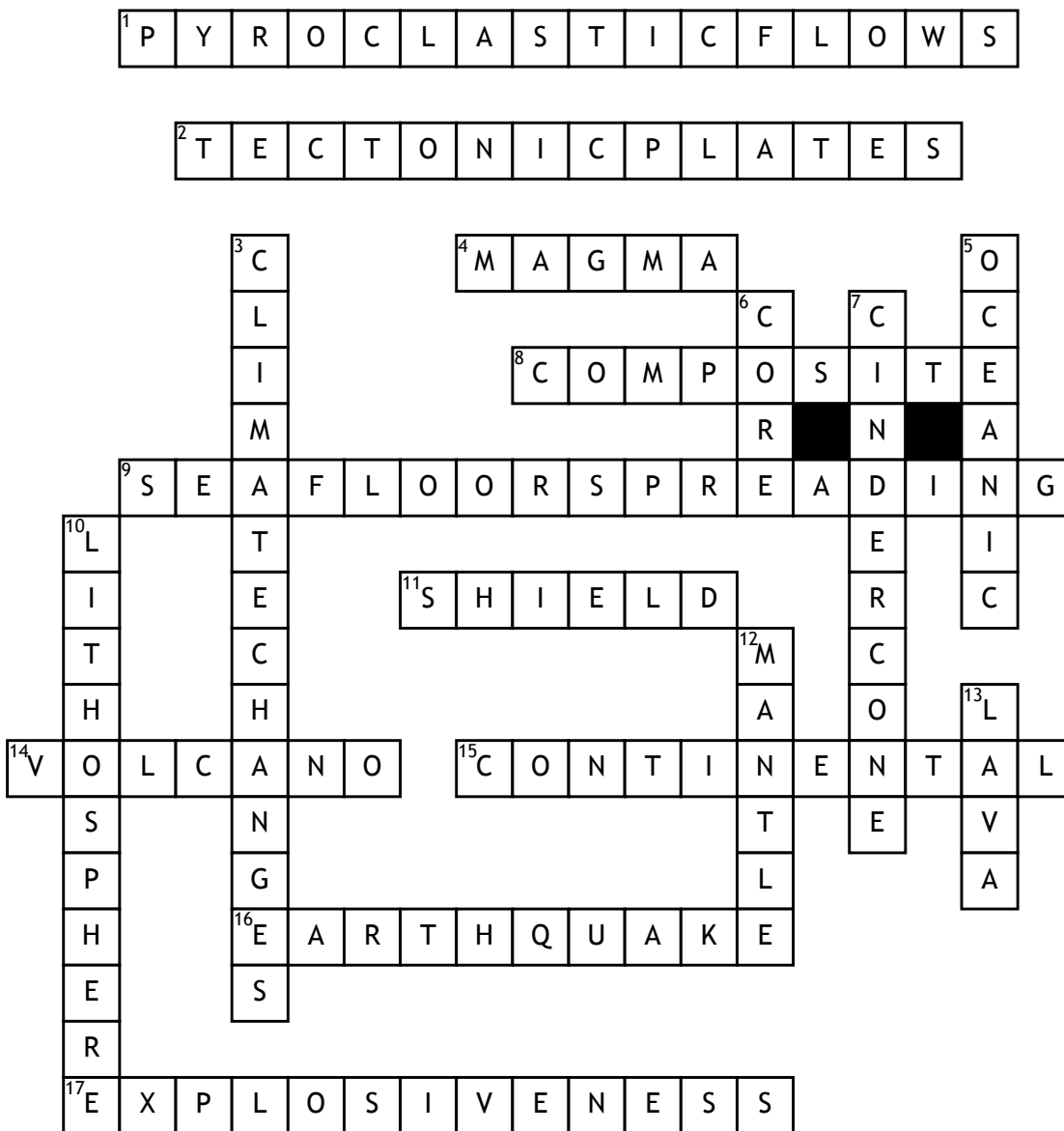


# Plate Tectonics, Earthquakes, and Volcanoes



**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)

**Down**

- 3. 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 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