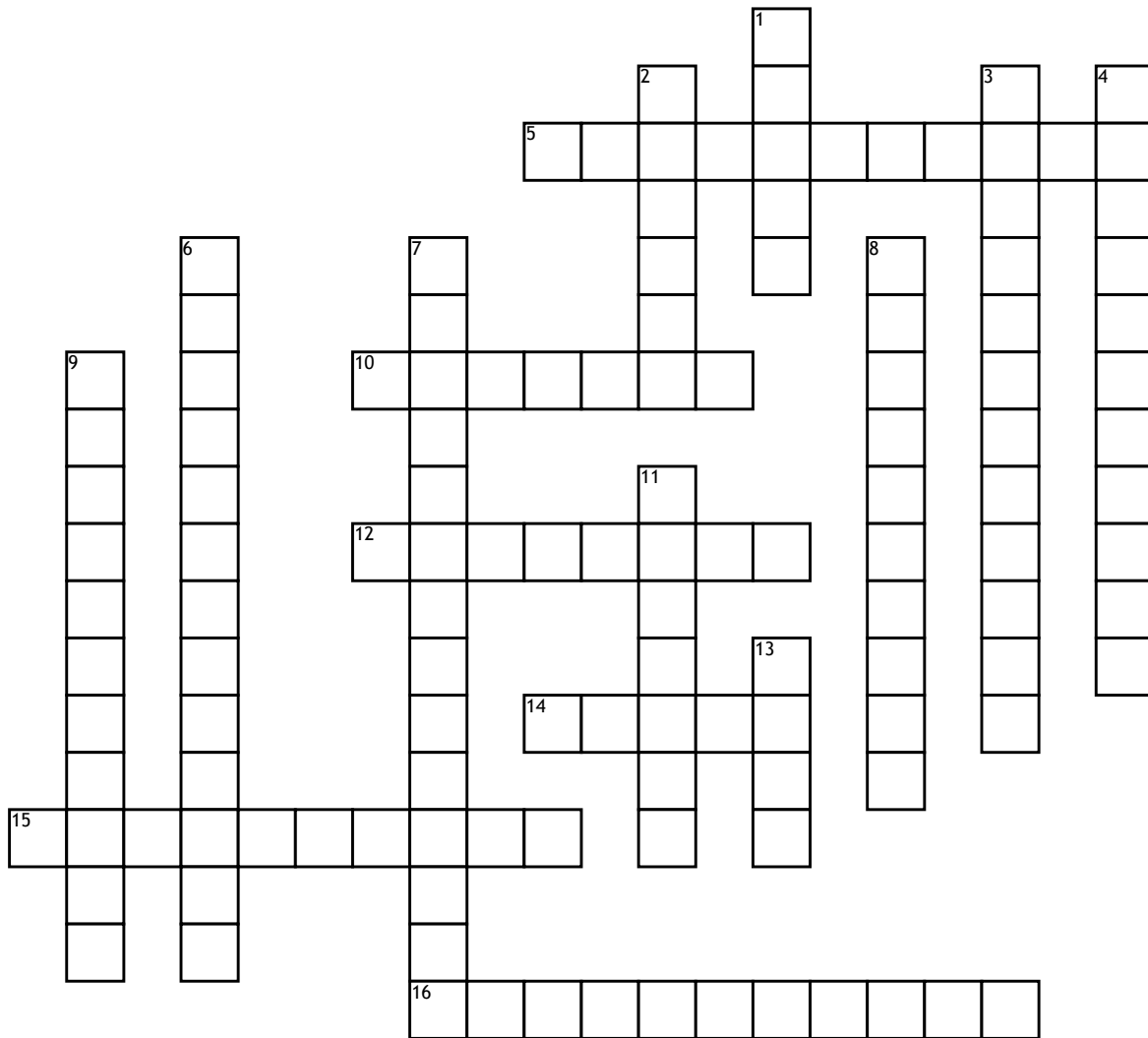


# earthquakes and volcanos



**Across**

- 5. move the ground much like ocean waves move water particles
- 10. a large semicircular depression that forms when the magma chamber below a volcano partially empties and causes the ground above to sink
- 12. an area of deep cracks that forms between two tectonic plates that are pulling away from each other
- 14. a seismic wave that causes particles of rock to move in a side to side direction
- 15. the study of earthquakes

16. the bending, tilting, and breaking of the Earth's crust

**Down**

- 1. a seismic wave that causes particles of rock to move in a back and forth direction
- 2. a funnel-shaped pit near the top of the central vent of a volcano
- 3. the body of molten rock that feeds into a volcano
- 4. a wave of energy that travels through the Earth, away from an earthquake in all directions
- 6. a hypothesis that is based on that a big earthquake is going to happen where it hasn't in a long time

7. the sudden return of elastically deformed rock to its undeformed shape

- 8. an area along a fault where few earthquakes have happened but in the past have been strong
- 9. a wide flat land form that results from repeated nonexplosive eruptions of lava that spread over a large area
- 11. a vent or fissure in the Earth's surface through which magma and gases are expelled
- 13. an opening at the surface of the Earth through which volcanic material passes