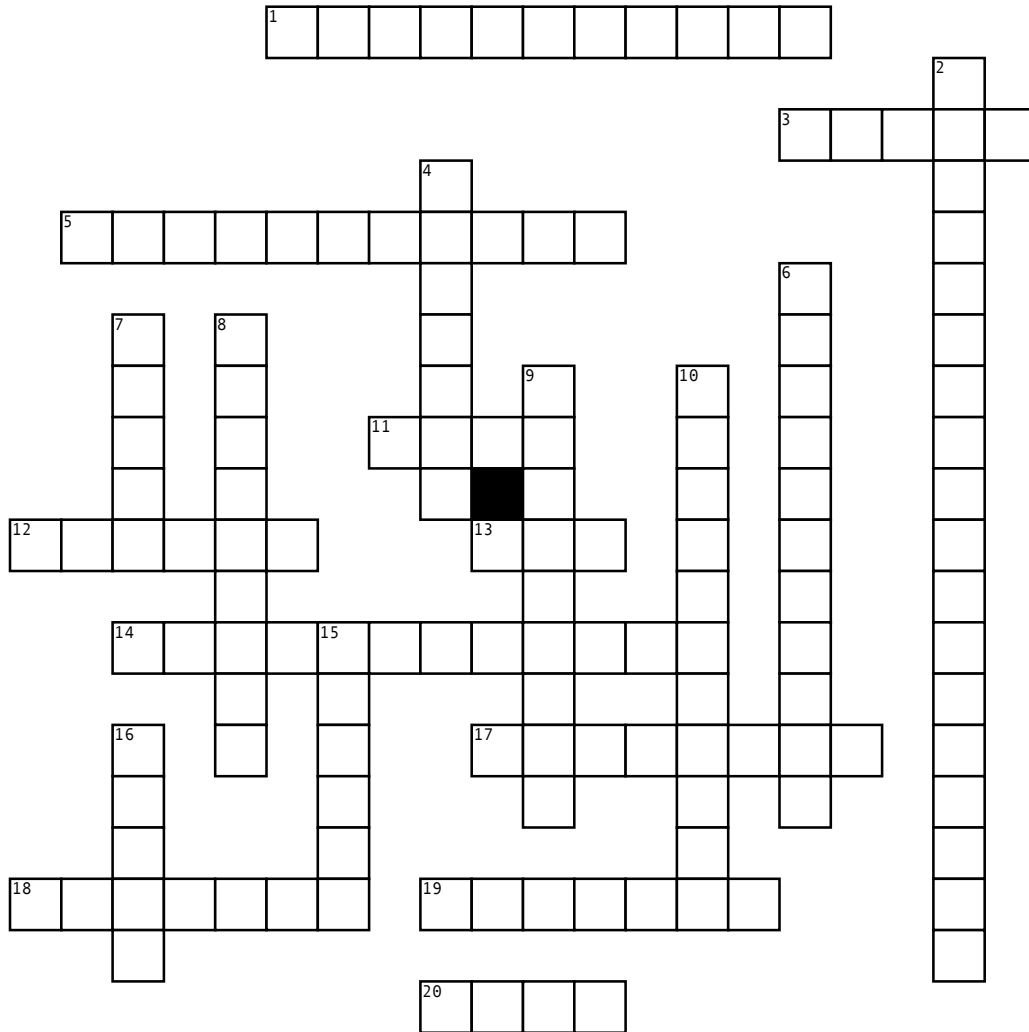


# Talk About Geosphere!



## Across

1. The process of clastic sediment lithified by precipitation of mineral cement
3. A break along which surrounding rock breaks
5. An instrument that records vibrations in the ground; also to determine strength and location of an earthquake
11. Inner layer of the Earth
12. A bowl shaped geological formation at the top of a volcano
13. Fine particles of rock dust from an erupt volcano
14. Changes of the minerals and textures of a rock by temperature and pressure

17. The process when solid, liquid, and gaseous materials are emitted into the Earth's surface by volcanic activity

18. Crack on the slopes of a volcano

19. Forming of cracks in weakened continental or oceanic crust

20. Magma that reached the surface through a volcanic eruption

## Down

2. A deformation that leads to an earthquake
4. When loose sediment moves from one place to another on Earth's surface; caused by water, ice, or wind
6. Type of stress that squeezes, shortens rocks

7. Melted rock under the surface of the earth

8. The point of the Earth's surface vertically above the focus of an earthquake

9. Spherical continental of matter that make up the Earth and its atmosphere

10. Folding, breaking, or flow of rocks

15. Molten rock on which plates float

16. The thin, outer layer of the earth

## Word Bank

Deformation

Core

Lava

Fissure

Fault

Crater

Epicenter

Crust

Mantle

Eruption

Compression

Geosphere

Erosion

Ash

Magma

Rifting

Metamorphism

Elastic-Deformation

Cementation

Seismograph