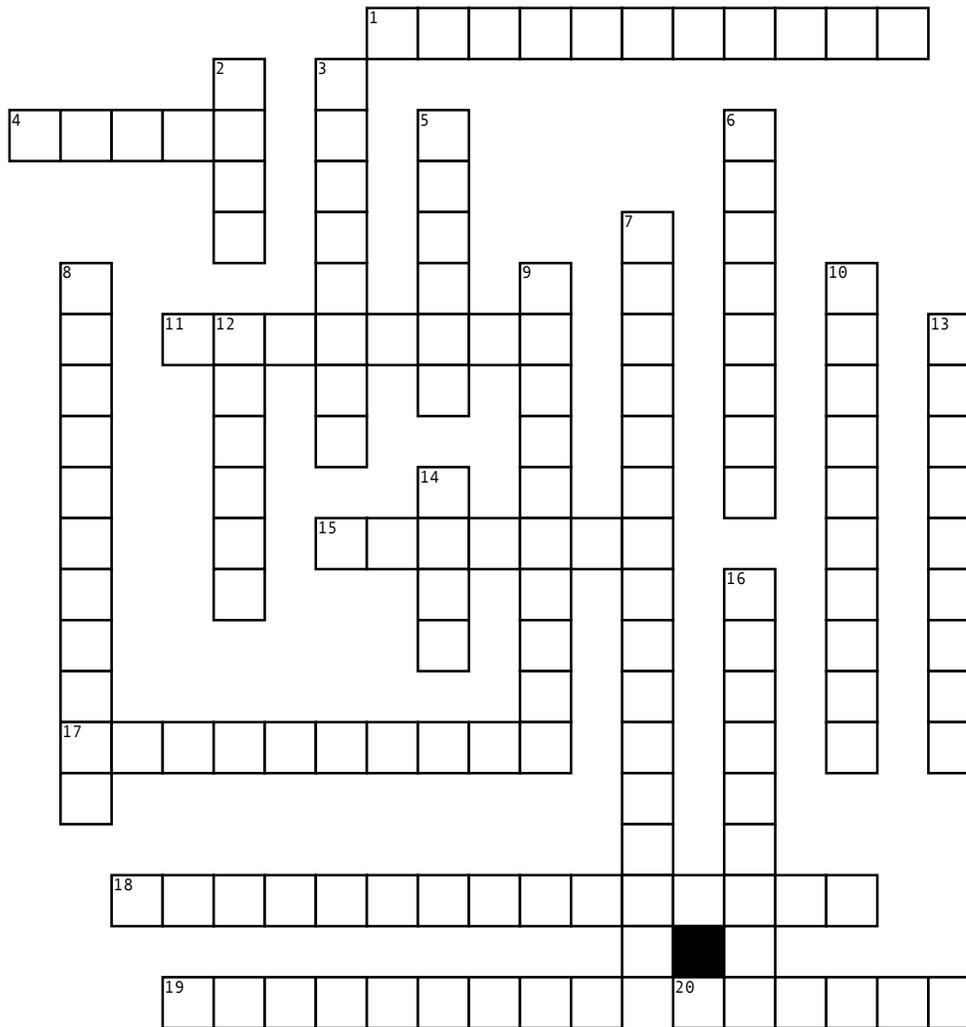


# Minerals and Rocks



**Across**

- 1. The process by which dissolved minerals crystalize and glue particles of sediment together into one mass.
- 4. Molten rock beneath the planet's surface
- 11. physical property of some minerals that causes them to break along smooth, flat surfaces
- 15. The process by which wind, water, ice, or gravity transports soil and sediment from one location to another
- 17. the process by which sediments are pressed together under their own weight
- 18. a type of rock which has been changed by extreme heat and pressure
- 19. a sedimentary rock, composed mainly of skeletal fragments of marine organisms such as coral, forams and molluscs.
- 20. elements that are shiny, conduct heat and electricity, can be stretched into wires and bent into different shapes

**Down**

- 2. Molten rock that reaches a planet's surface through a volcano or other opening in the crust
- 3. a naturally occurring inorganic substance (see inorganic molecules) with a definite chemical composition and a regular internal structure
- 5. The color of the powder left when a mineral is rubbed against a hard rough surface
- 6. Solid materials such as rock fragments, plant and animal remains, or minerals that are carried by water, wind, ice, gravity, or some other natural force and settle in a new location (bottom of a body of water or at the foot of hills and mountains)
- 7. Rock that has formed through the deposition and solidification of sediment, especially sediment transported by water (rivers, lakes, and oceans), ice (glaciers), and wind

- 8. Rocks formed by the cooling and solidifying of molten materials on or beneath Earth's surface
- 9. process in which sediment is laid down in new locations
- 10. The process by which natural forces break down rocks and minerals
- 12. the way a mineral reflects light from its surface
- 13. a natural substance, a solid aggregate of one or more minerals or mineraloids
- 14. a natural substance, a solid aggregate of one or more minerals or mineraloids
- 16. a clastic sedimentary rock composed mainly of sand-sized (0.0625 to 2 mm) mineral particles or rock fragments

**Word Bank**

- |            |                  |                  |             |
|------------|------------------|------------------|-------------|
| magma      | Minerals         | lava             | Erosion     |
| compaction | Weathering       | Metamorphic Rock | Luster      |
| Rock       | sandstone        | Streak           | limestone   |
| sediment   | Sedimentary Rock | Deposition       | cleavage    |
| Sediments  | Igneous Rock     | Metals           | cementation |