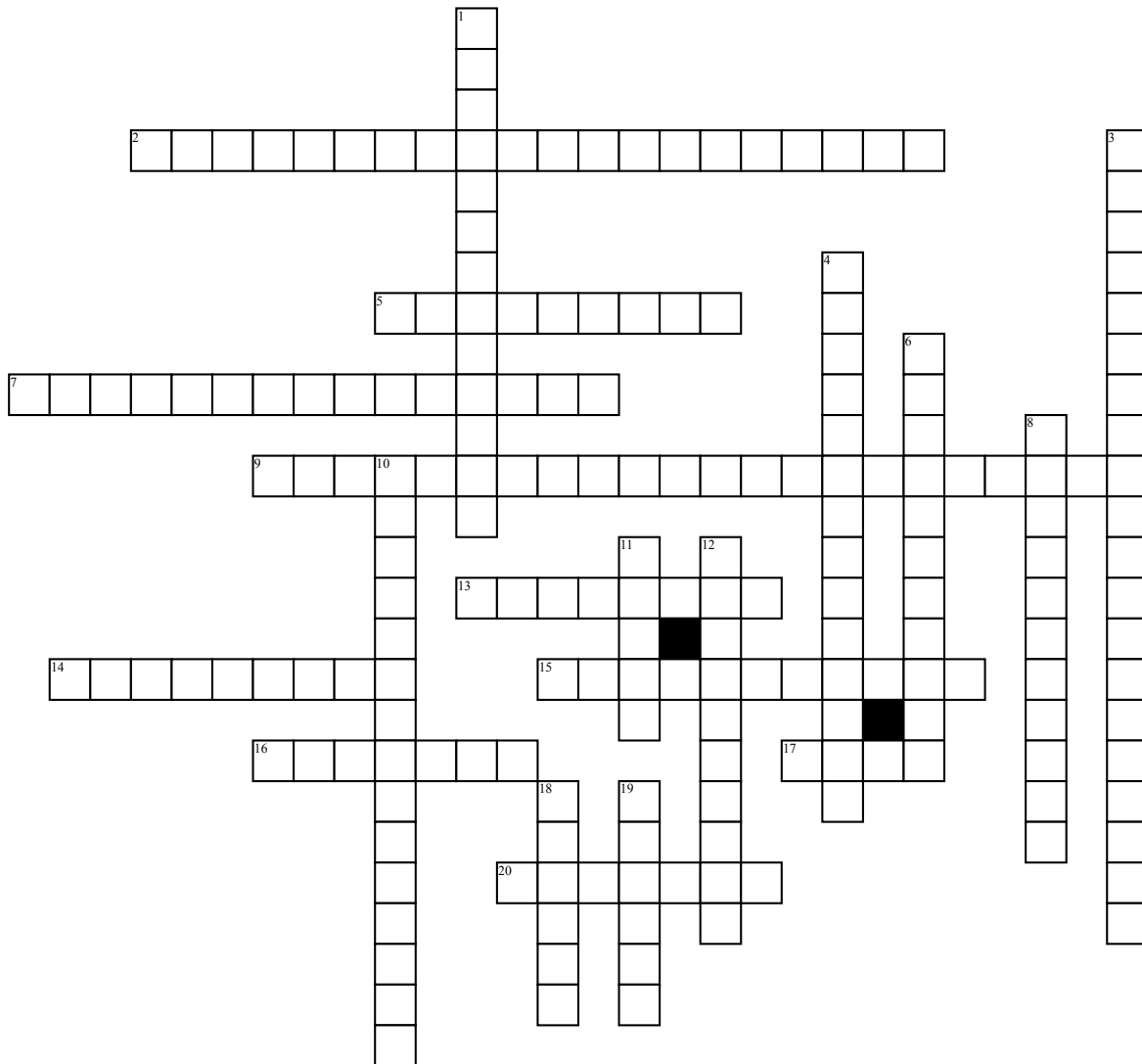


# Rocks: Mineral Mixtures



## Across

2. Rock that forms as a request of volcanic activity at or near the Earth's surface.
5. A medium-grained sedimentary rock that forms when sand grains deposited in dunes, on beaches, or on the ocean floor are buried and cemented.
7. A type of rock that is created when intense heat and pressure deep below the earth's surface changes sedimentary rock.
9. A type of limestone that is made up of animal remains that are cemented together.
13. The texture of metamorphic rock in which the mineral grains are arranged in planes or bands
14. The series of processes in which a rock forms, changes from one type to another, is destroyed, and forms again by geological processes

15. The chemical makeup of a rock; describes either the minerals or other materials in the rock.
16. The quality of a rock that is based on the sizes, shapes, and positions of the rocks's grains.
17. A naturally occurring solid mixture of one or more minerals or organic matter.
20. The process by which wind, water, ice, or gravity transports soil and sediment from one location to another.

## Down

1. Metamorphic minerals that only form at certain temperatures and pressures.
3. Rock formed from the cooling and solidification of magma beneath the Earth's surface.
4. The process in which sedimentary rocks are arranged in layers.

6. A type of rock that is created when magma cools and solidifies.
8. The texture of metamorphic rock in which the mineral grains are not arranged in planes or bands.
10. A type of rock that is made up of multiple layers of compacted sediment.
11. Hot liquid that forms when rock partially or completely melts.
12. The process in which material is laid down.
18. Layers of rock (singular, stratum).
19. A fine-grained igneous rock that forms when lava erupts onto the earth's surface and cools rapidly.