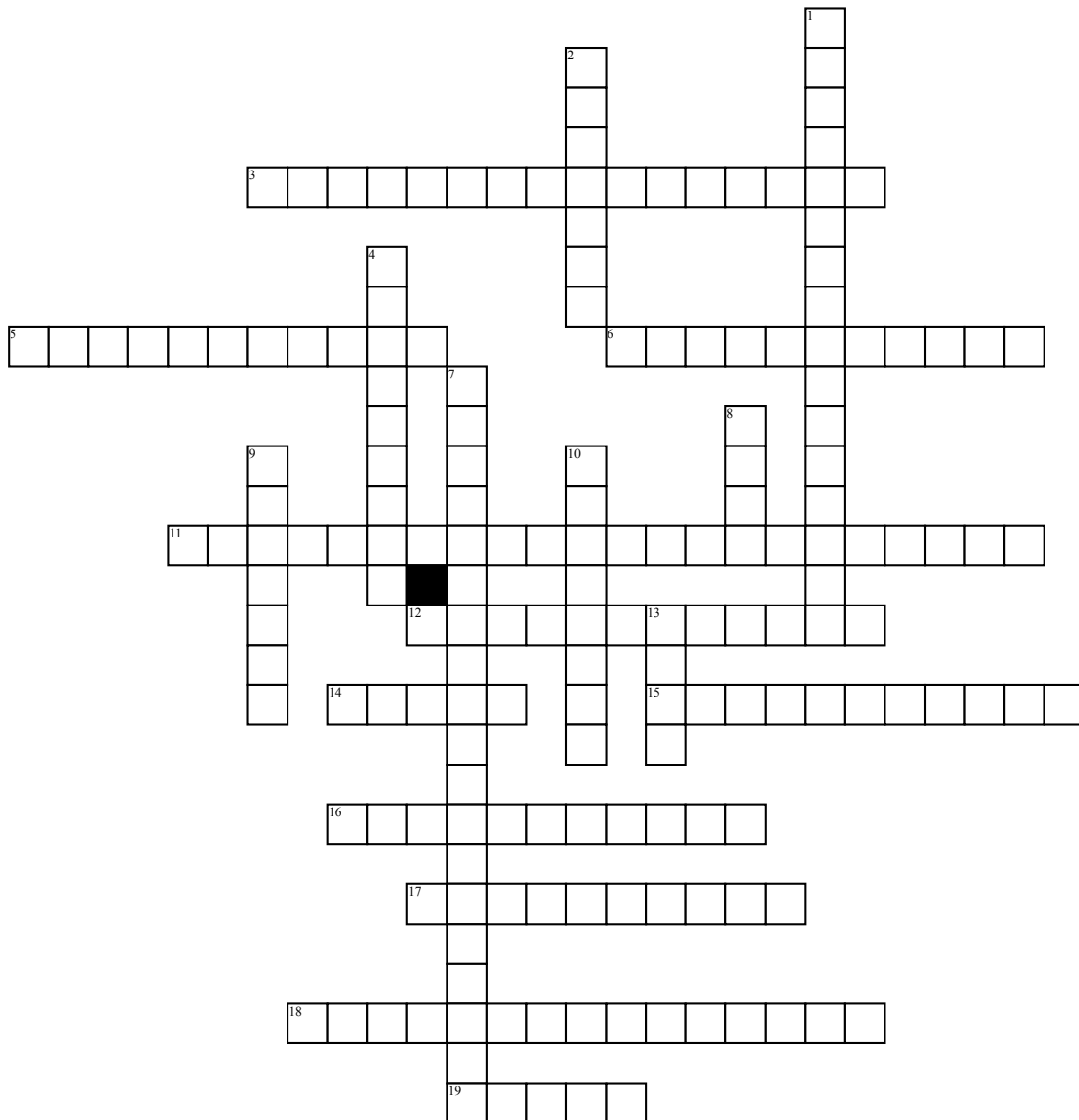


# Science Vocabulary



## Across

**3.** This type of rock is formed from lava that cools at the Earth's surface; note, these rocks normally have small crystals.

**5.** A type of (blank) rock that is formed from fragments or pieces of other rocks or organic material.

**6.** A type of rock created from the particles, fragments, and weathered pieces of rocks or other minerals/solid substances that are cemented and compacted.

**11.** A rock that's heat and pressure has caused it to blend all of the other different types of rocks, forming a solid color when compared to the opposite of it's kind.

**12.** the process that occurs as a result of heat and pressure or other processes that occur under the Earth's surface that physically change a rock's texture, structure, or composition.

**14.** Molten rock that often lays in chambers under the Earth's surface and is called lava when it reaches the surface. When lava or magma cools, it creates \_\_\_\_\_ rocks.

**15.** This results from the process when liquids or other materials can seep through the particles in a rock, gluing them together.

**16.** Rocks that are formed from heat and pressure underneath Earth's surface. There are two main types of these rocks, dealing with how they are pressed together.

**17.** This happens to a rock as a result of heat and pressure.

**18.** A type of (blank) rock that consists of deposits that either are directly or indirectly mostly formed from activities or processes of living organisms.

**19.** A solitary fragment, shard, sediment, or grain that results from weathering or the breaking off of pieces from a once larger source.

## Down

**1.** This type of rock is formed from magma that cools beneath the earth's surface; note, these rocks normally have large crystals.

**2.** Rocks that are formed when volcanoes erupt and the magma inside of the chambers cools, either above or below the surface.

**4.** The series of processes that change one type of rock into another type of rock.

**7.** A metamorphic rock that's texture/composition is altered when different rocks compact neatly on top of each-other, forming "layers" or "bands".

**8.** Molten rock that reaches the Earth's surface.

**9.** a description of a rock or any object that is equal to the particle's mass divided by its volume.

**10.** rock material that forms where rocks are broken down into smaller pieces or dissolved in water as minerals erode.

**13.** A natural, solid mixture of minerals or grains.