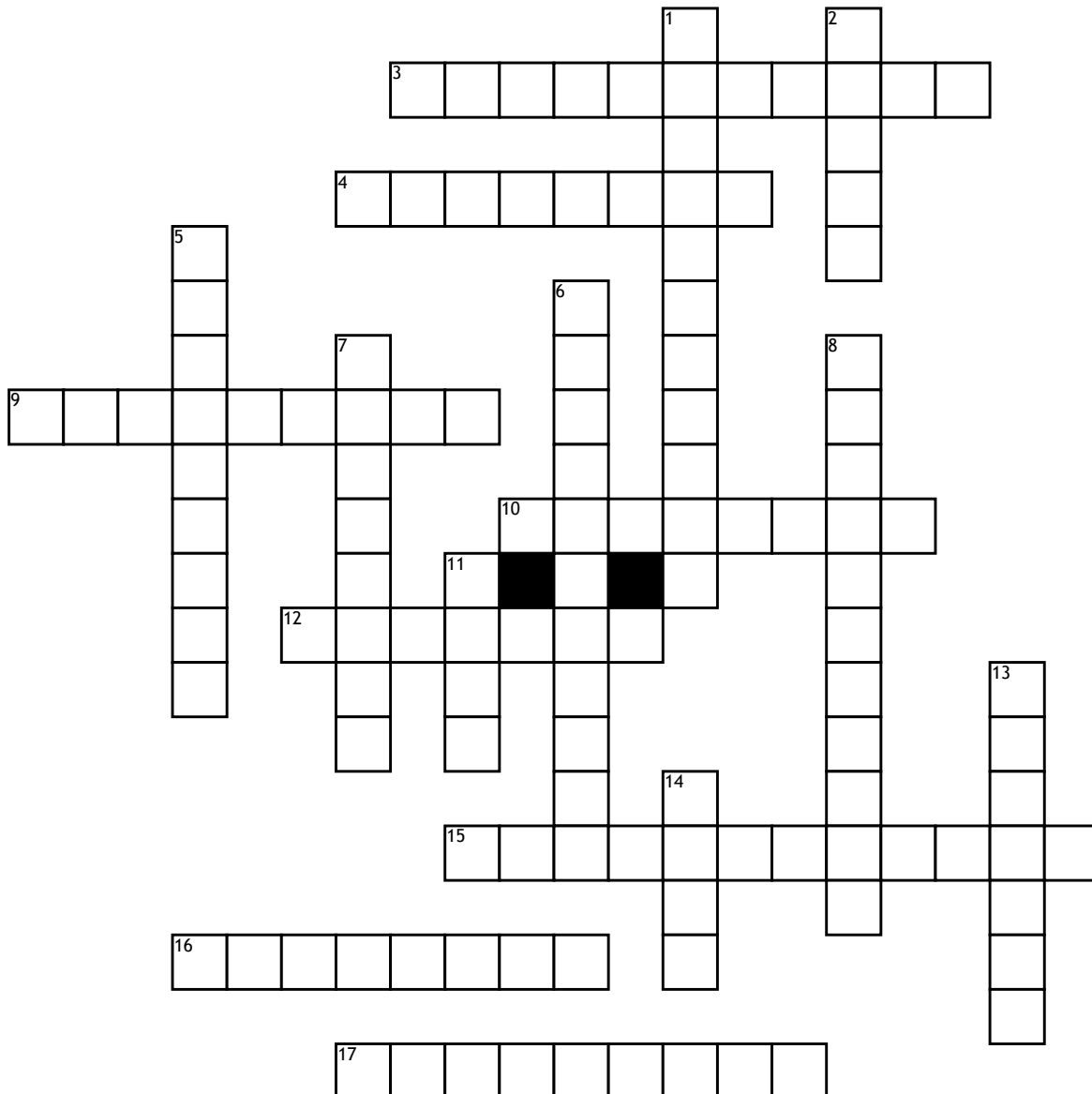


# Rock Cycle



## Across

**3.** rock that forms when sediments are compacted and cemented together. Ex. limestone and slate

**4.** sedimentary rock that forms when solutions of mineral and water

**9.** igneous rock that forms when lava cools and solidifies on earth's surface

**10.** metamorphic rock that contains mineral grains that are aligned by pressure

**12.** a sedimentary rock formed from the accumulation of organism, debris such as leaves, roots, and other plant materials

**15.** metamorphic rock where the texture of mineral grains show no alignment ex. gneiss and slate

**16.** sedimentary rock made of grains of minerals or other rocks that have moved and have been deposited in layers by water, ice, wind, or gravity

**17.** the process by which one rock type turns into another

## Down

**1.** rock that forms when the texture and composition of preexisting rock changes due to heat or pressure

**2.** the hot liquid that forms when rock partially or completely melts

**5.** the type of igneous rock that forms when magma cools and solidifies beneath Earth's surface. Ex. granite and gabbro

**6.** the make up of a rock or the overall shape of a rock

**7.** long cracks in the earth's surface that lava sometimes erupts out of

**8.** rock that forms from the cooling of magma

**11.** magma that flows on earth's surface

**13.** inorganic solid material found in nature that always has the same chemical makeup atoms arranged in an orderly pattern and properties such as cleavage and fracture

**14.** any naturally preserved evidence of life