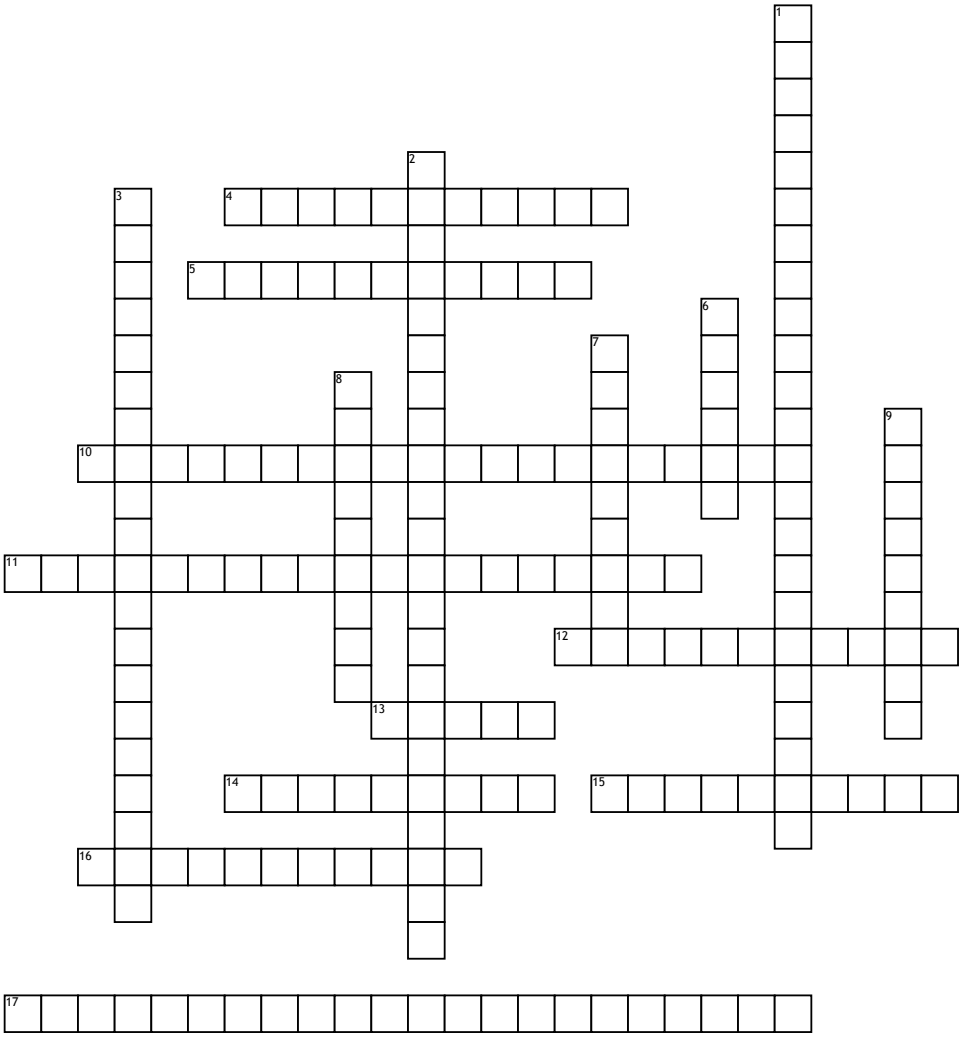
Name: _____ Date: _____ Period: _____

Geology Crossword



Across

4. The metamorphic rock texture in which mineral grains are not arranged in planes or bands

5. A type of rock that forms from the cooling of molten rock (magma & lava) at or below Earth's surface

10. A change in the texture, structure, or chemical composition of a rock due to change in temperature and pressure over a large area, generally as a result of section force

11. A change in the texture, structure, or chemical composition of a rock due to contact with magma

12. The process in which one type of rock change into metamorphic rock because of Chemical processes or changes in temperature and pressure

13. Describe magma or igneous rock that is rich in magnesium and iron and that is generally dark in color

14. The series of process in which rock forms, change from one type to another, is destroyed, and forms again by geological process

15. The process in which the volume and porosity of a sediment is decreased by the weight of overlying sediment as a result of burial beneath other sediments

16. The process in which mineral precipitate into pore spaces between sediment grains and bind sediment together to form rock

17. Sedimentary rock that forms from the remains of plant or animals

Down

1. Sedimentary rock that form when minerals precipitate from a solution or settle from a suspension

2. Sedimentary rock that forms when fragments of preexisting rocks are compacted or cemented together

3. Simplified pattern that illustrates the order in which minerals crystallize from cooling magma according to their chemical composition and melting point

6. Describe magma or igneous rock that is rich in feldspars and silica and that is general light in color

7. A type of igneous rock formed on the surface of earth from lava. They have small or no crystals because they form quickly.

8. The metamorphic rock texture in which mineral grains are arranged in planes or band

9. A type of igneous rock with large crystals and forms when magma cools slowly beneath Earth's surface.

Word Bank

Cementation
Intrusive
Organic Sedimentary Rock
Metamorphis
Regional Metamorphism
Clastic Sedimentary Rock
Extrusive
Bowen's Reaction Series
Rock Cycle
Chemical Sedimentary Rock
Foliation
Felsic
Non-foliated
Igneous Rock
Mafic
Contact Metamorphism
Compaction