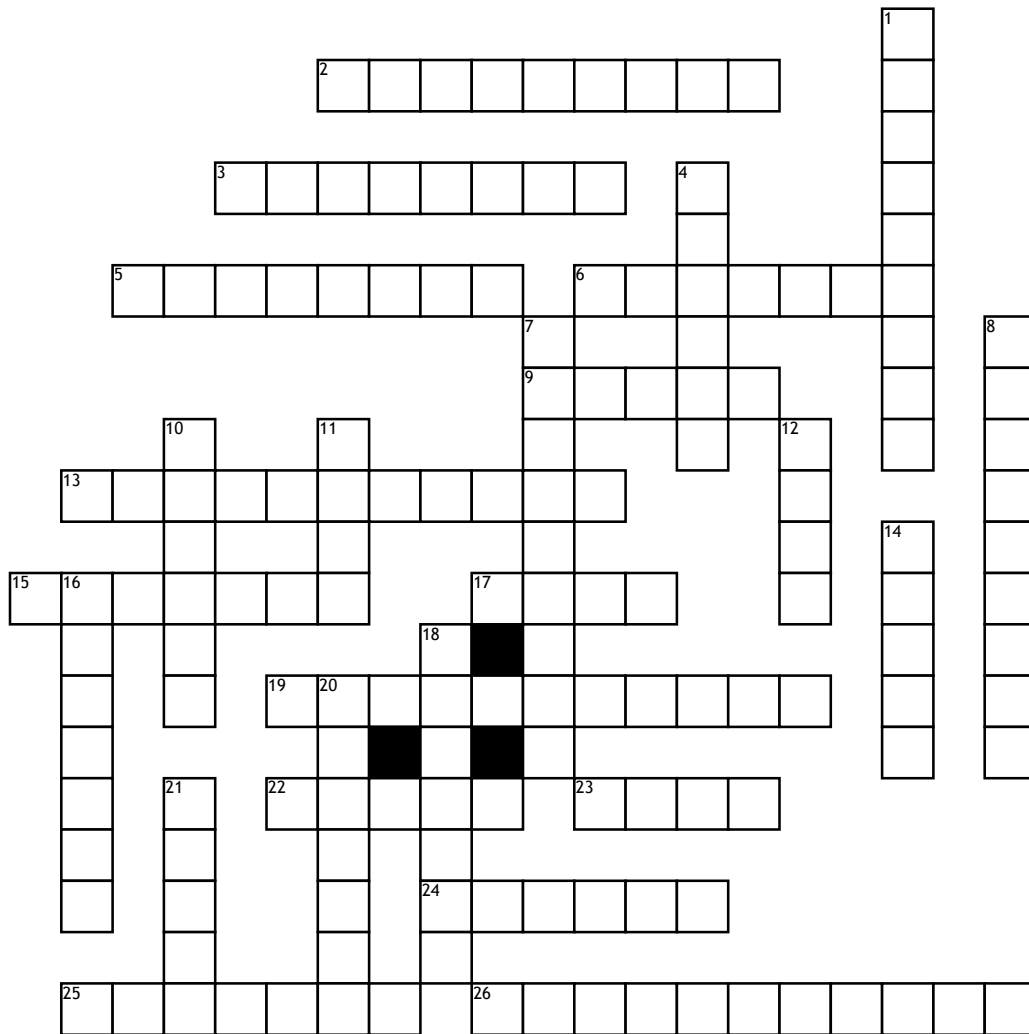


Rocks and Minerals



Across

- 2. Type of igneous rock that forms inside the Earth and cools slowly
- 3. If a mineral breaks unevenly it is called what?
- 5. Type of luster of a mineral that is shiny
- 6. Over 90% of these are found in sedimentary rocks
- 9. This prefix means related to fire
- 13. Type of rock made when other rocks change when exposed to heat and pressure
- 15. Type of rock formed when magma cools and solidifies
- 17. This is molten rock when it reaches the Earth's surface

- 19. Type of rock formed under water from deposition and compaction of small particles
- 22. The state of matter of minerals
- 23. Igneous rock is found mostly on the _____ coast of the US.
- 24. The most common mineral in Earth's crust
- 25. The hardest mineral and an allotrope of carbon.
- 26. The last step in sedimentary rock formation is compaction and what?

Down

- 1. Type of igneous rock that forms at or near the surface of the Earth and cools quickly
- 4. The ability of a mineral to reflect light
- 7. The most common mineral forming group

- 8. This shows how rocks can change from type to another
- 10. The powder left from a mineral
- 11. The name of the scale to measure hardness of a mineral
- 12. In order for any type of rock to turn to magma it must do what?
- 14. Inorganic compounds made up of one or more minerals
- 16. A type of igneous rock
- 18. The second most common mineral in Earth's crust
- 20. The first step in sedimentary rock formation is weathering and what?
- 21. This is molten rock that is underground

Word Bank

- | | | | | | | |
|-------------|-------------|----------|-----------|--------|-----------|------------|
| metamorphic | Lava | fracture | diamond | Mohs | granite | Rock cycle |
| fossils | metallic | magma | extrusive | igneo | silicates | silicon |
| Intrusive | cementation | luster | rocks | oxygen | solid | Igneous |
| streak | sedimentary | erosion | west | melt | | |