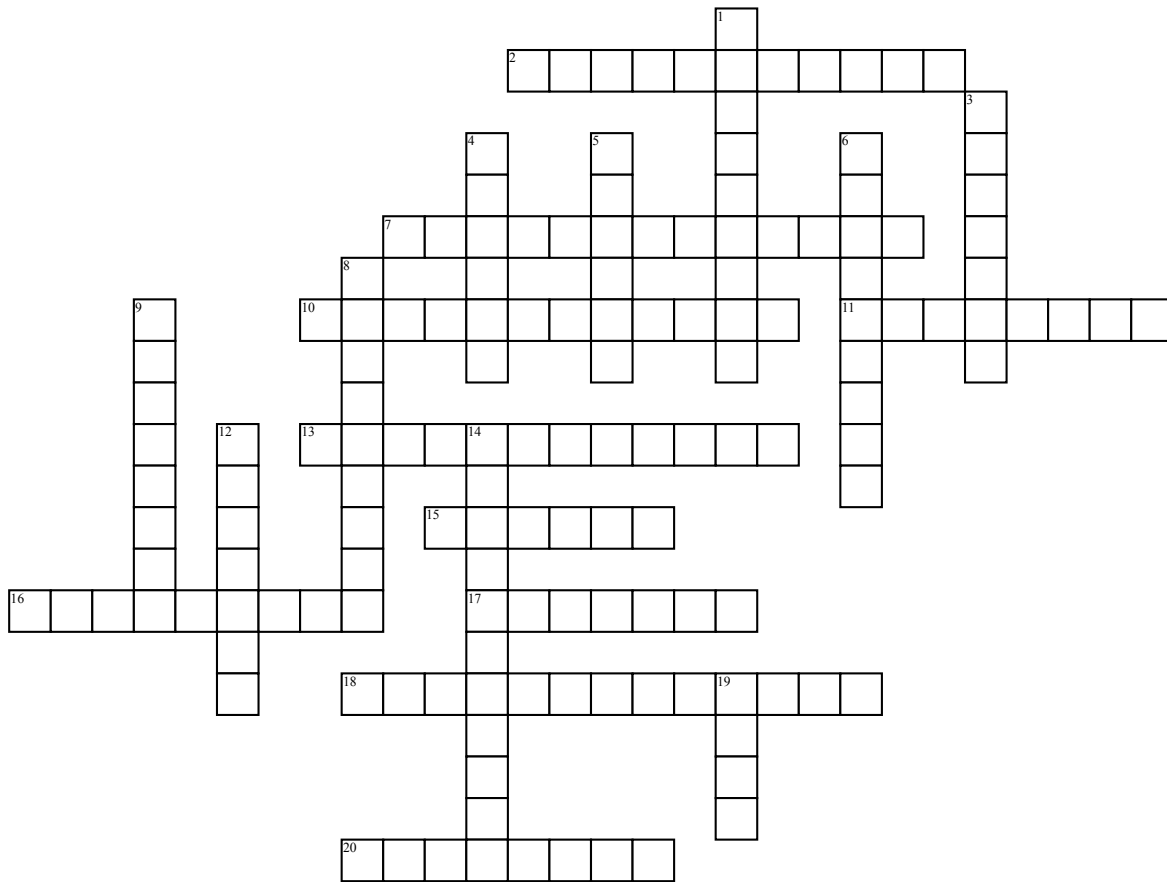


# Earth Science Plate Tectonic Pic-a-Project



**Across**

2. rocks formed when particles of rocks are carried and deposited by wind and water

7. igneous rock formed from lava outside of the Earth

10. rock containing rounded pebbles that is held together by clay or mud

11. when a mineral splits into smooth, definite surfaces

13. the process of changing a rock into another as a result of heat, pressure, or chemical reactions

15. the color of the powder scraped off a mineral when rubbed against a rough, hard surface

16. minerals that are rare, hard, beautiful and durable that are often cut for jewelry

17. naturally occurring, inorganic solid having a definite crystalline structure and unique chemical composition

18. igneous rock formed from magma within the Earth

20. when a mineral breaks along rough or jagged surfaces

**Down**

1. small particles of rock

3. repeating pattern of a mineral having flat sides that meet in sharp edges and corners

4. elements that are shiny, conducts heat and electricity, can be stretched into wire and bent into different shapes

5. how light reflects of a mineral (metallic or nonmetallic)

6. the continuous changing of rocks from one form to another over long periods of time.

8. elements with dull surfaces, are poor conductors of heat and electricity, and are not able to be stretched into wires or bent into different shapes

9. the ability of a mineral to resist being scratched

12. rock formed from hot, fluid magma or lava, "born of fire"

14. rock formed when chemical changes, heat or pressure, change rock, "changed rocks"

19. hard substances composed of two or more minerals