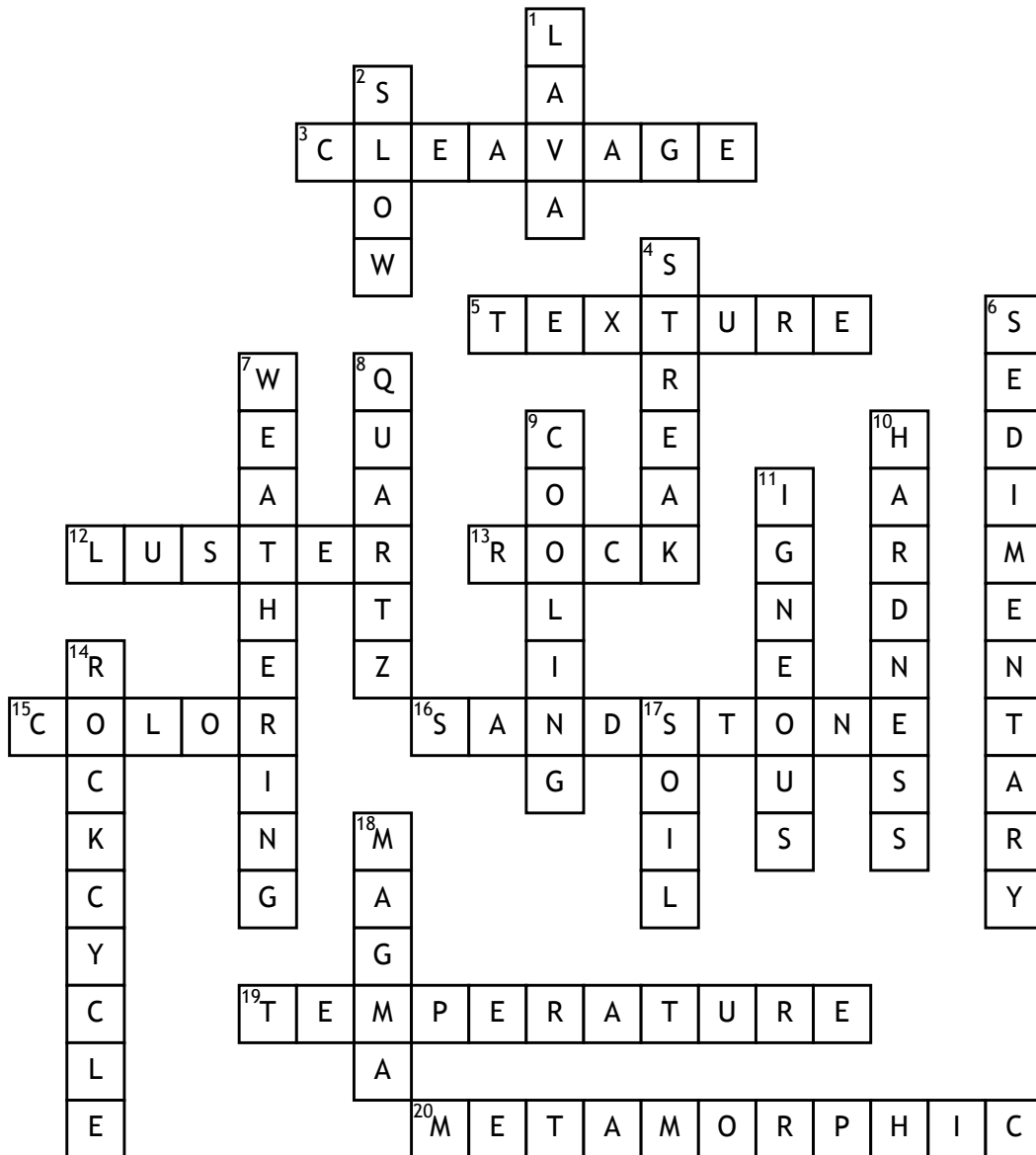


Name: _____

Date: _____

Rocks and minerals



Across

3. How a mineral breaks into flat surfaces
5. how the object feels
12. The way light interacts with a rock, or mineral
13. Any natural occurring , generally composed of minerals
15. the quality of an object or substance with the way light reflects the object
16. sand or quartz grains cemented together
19. the amount of heat pressed on an object

20. Rocks are exposed to extreme temperature and pressure

Down

1. hot molten or semifluid rock erupted from a volcano
2. rocks cool _ _ _ _ beneath the earth's surface
4. Color of a mineral when it is crushed to a powder
6. Rocks are broken down into smaller pieces or dissolved in water as rocks erode
7. the process where rocks are worn down by wind or water creating sediment

8. hard white mineral

9. freely moving atoms arranged in patterns cool down
10. Measure of the resistance of a mineral to scratching
11. When magma or lava cools and crystallizes
14. series of events where rocks can form from another type to another over time
17. the upper layer where plants grow
18. hot liquid material below or within the earth's which lava is made