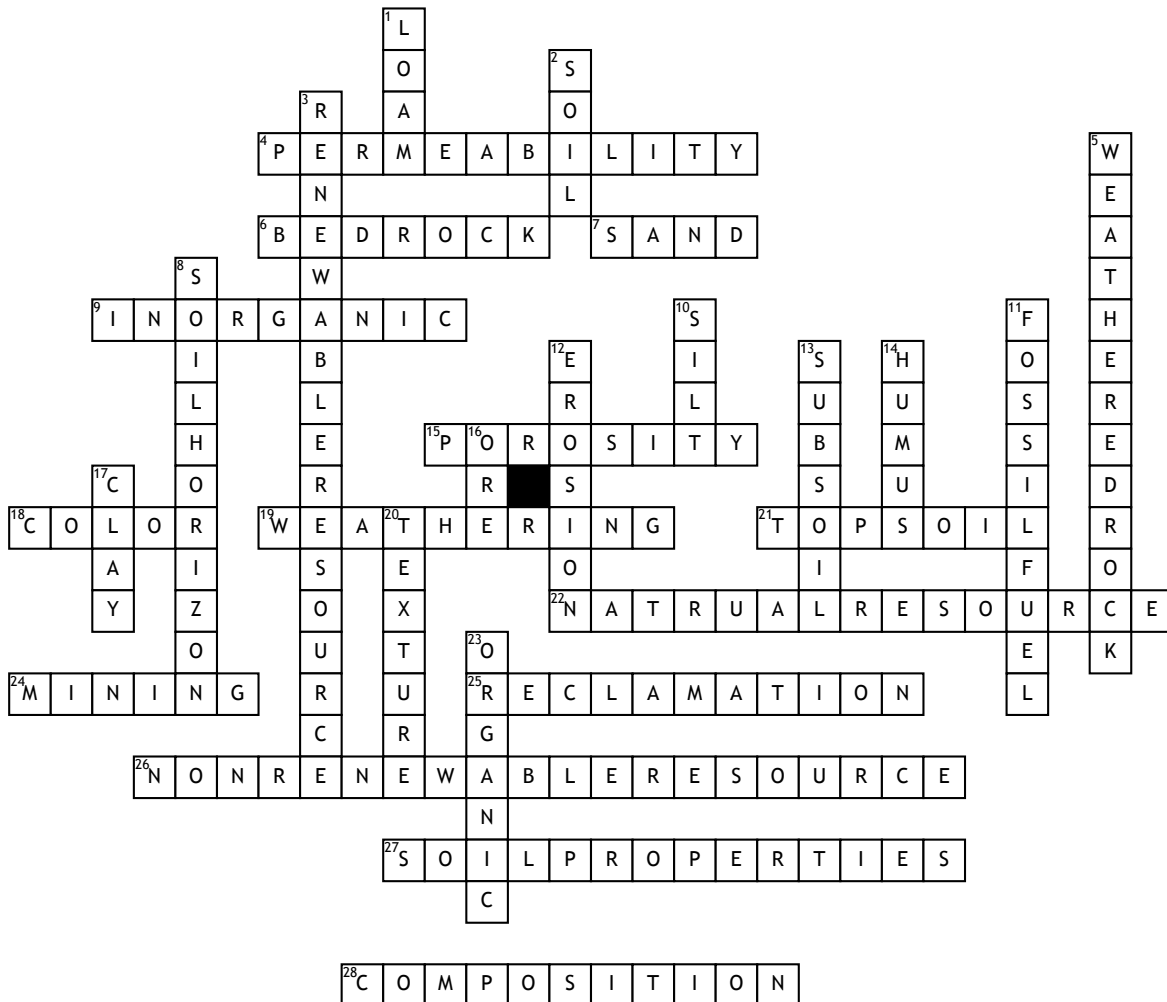


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# SOIL CROSSWORD



## Across

4. How much water the soil will allow through  
 6. also know the parent material. unweathered solid rock beneath all layers.  
 7. Largest particle; dries quickly and texture is rough and gritty.  
 9. non living particles in soil  
 15. Depends on how many pores and the size of the pores  
 18. influenced by the amount of proteins present in the soil  
 19. the break down of rock and minerals by rain, acid, salt, wind, and temperature into sediments  
 21. loose soil that is rich in organic material needed by plants  
 22. minerals or substances that occur in nature and can be used for economic gain.  
 24. the extraction of valuable minerals or geological materials from the earth.

25. when a mine is no longer being used, the land should be restored to its former state or better.

26. a natural resource that we need to use carefully because it cannot be replaced quickly and we will run out.

27. used to identify different types of soil

28. What the soil is composed of air, water, nutrients, and organic matter

## Down

1. Mixture of sand, silt, and clay. Best type of soil for growing plants.

2. Mixture of rock, minerals, and organic matter

3. a natural resource that can be replaced quickly enough so that we will not run out

5. slightly broken up rock. plants roots cannot go through this layer. Mostly inorganic.

8. soil layers; more mature soil has more horizons

10. Medium sized particles, texture is smooth and powdery when dry and slippery when wet.

11. hydrocarbons created from the remains of formerly living organisms used for energy.

12. the process by which the surface of the earth is worn away by the action of water, glaciers, winds, waves, etc.

13. rich in minerals that are washed down in minerals that are washed down from topsoil by rain

14. Mostly made of decaying leaves, twigs, and animal remains/waste

16. a natural material with a high concentration of metals and valuable materials that can be extracted for a profit.

17. smallest particle; smooth and hard as stone when dry and sticky when wet

20. Relative proportions of sand, silt, and clay

23. living particles in soil