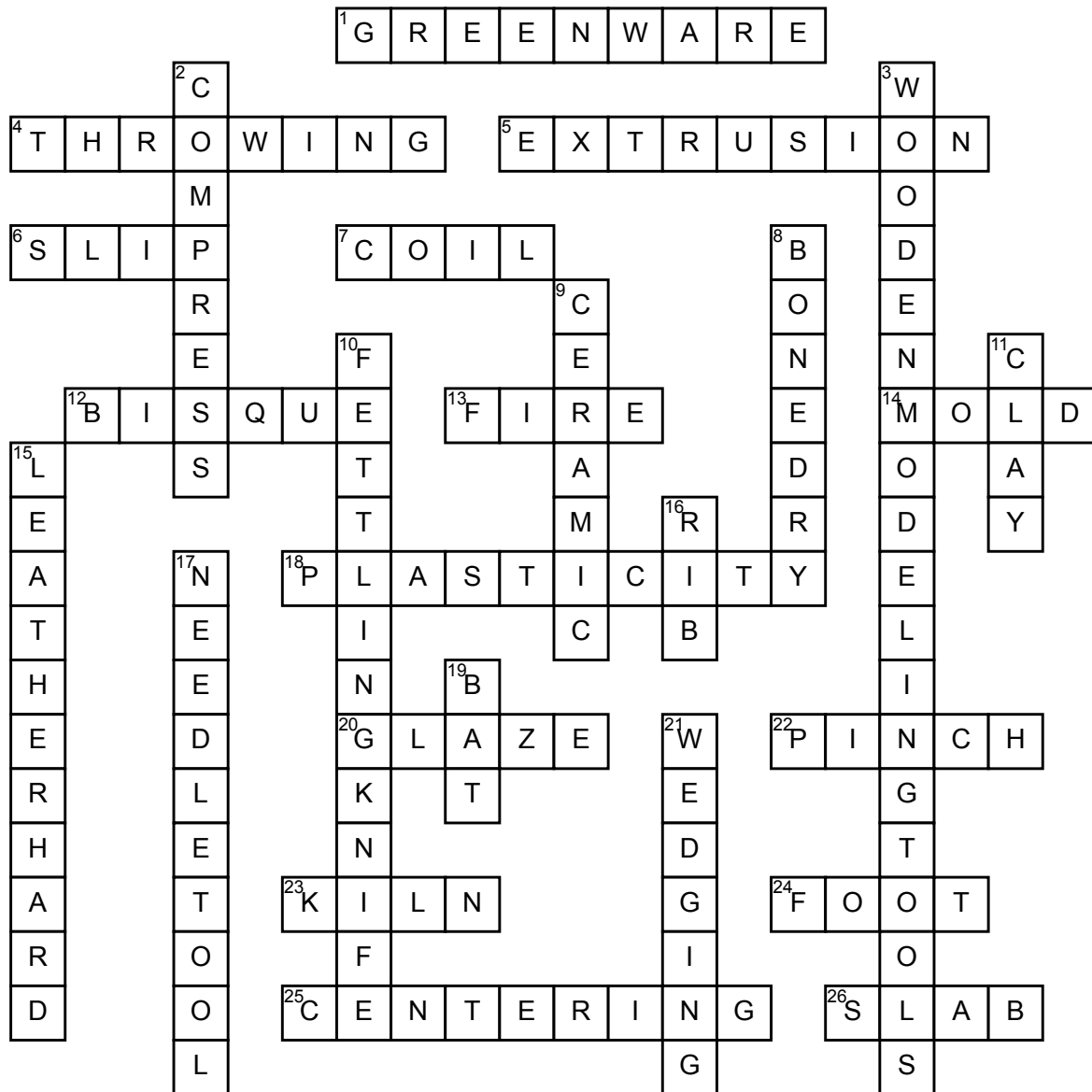


Name: _____

Date: _____

Period: _____

Introduction to Ceramics



Across

1. Unfired pottery. Ready to be bisque fired.

4. Creating ceramic shapes on the potter's wheel.

5. Clay forced through a die to form uniform shaped clay.

6. Clay mix with water. 50% water

7. Creating a form with long, rope shaped, pieces of clay.

12. Pottery that has been fired once, without glaze, and cannot be recycled. 0% water

13. To heat a clay object in a kiln to a specific temperature.

14. A plaster shape designed to pour slip cast into and let dry so the shape comes out as an exact replica.

18. The quality of clay which allows it to be manipulated into different shapes without cracking. 25% water

20. This is a this coat of glass. An impervious silicate coating, which is developed in clay ware by the fusion under heat of inorganic materials.

22. To manipulate clay with your fingers in the palm to hollow a shape.

23. a furnace of refractory clay bricks for firing pottery and fusing glass.

24. Base of a ceramic form.

25. Technique of moving the clay into a symmetrical rotating axis in the middle of a wheel head so you can throw it.

26. Pressed or rolled flat sections of clay used for hand-building.

Down

2. Pushing the clay down and together, forcing the particles together.

3. These come in a variety of shapes, used in all sorts of hand-building. (3 words)

8. Completely air dried. 2% water

9. A creation of an object out of clay.

10. Used for cutting large lumps of clay, cleaning edges of cast pieces, and in removing thrown work from the potter's wheel. (2 words)

11. A natural material extracted from the earth's crust. Made of alumina+silica+water

15. The stage of clay between plasticity and bone dry. Clay is still damp enough to join it to another piece using slip. 10% water (2 words)

16. A rubber, metal or wooden tool used to facilitate throwing on the wheel and finishing surfaces in hand-building.

17. Long heavy needle with a handle, one of the most versatile tools in pottery.

19. A flat disc made from plaster, wood, or plastic which is a fixed to a wheel head.

21. A method of kneading the clay to make it evenly mixed, remove air bubbles and to change the water content.