



# Pottery Merit

**Note: This merit may be earned by completing a pottery, ceramic, or porcelain class in high school for a minimum of one semester and receiving a grade of B or higher, OR completing the following under the guidance of a teacher or instructor.**

Pottery, ceramic, or porcelain class completed

Some answers will need to be written on a separate sheet of paper and placed into your notebook.

1. Define the following terms:

- a. Bisque \_\_\_\_\_
- b. Bone dry \_\_\_\_\_
- c. Casting \_\_\_\_\_
- d. Ceramic \_\_\_\_\_
- e. Clay \_\_\_\_\_
- f. Cleaning tool \_\_\_\_\_
- g. Cone \_\_\_\_\_
- h. Firebrick \_\_\_\_\_
- i. Fired \_\_\_\_\_
- j. Glaze \_\_\_\_\_
- k. Greenware \_\_\_\_\_
- l. Kiln \_\_\_\_\_
- m. Kiln furniture \_\_\_\_\_
- n. Leather dry \_\_\_\_\_
- o. Mold \_\_\_\_\_
- p. Porcelain \_\_\_\_\_
- q. Potter's wheel \_\_\_\_\_
- r. Pottery \_\_\_\_\_
- s. Pouring \_\_\_\_\_
- t. Shrinkage \_\_\_\_\_
- u. Slab \_\_\_\_\_
- v. Slip \_\_\_\_\_
- w. Texture \_\_\_\_\_
- x. Throwing \_\_\_\_\_

Leader's  
Initials

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2. Describe the consistency of clay used in each of the following:
- a. Clay for potter's wheel \_\_\_\_\_  
\_\_\_\_\_
  - b. Ceramic slip \_\_\_\_\_  
\_\_\_\_\_
  - c. Porcelain slip \_\_\_\_\_  
\_\_\_\_\_

3. Explain how a ceramic is fired using a kiln. \_\_\_\_\_  
\_\_\_\_\_

4. Explain how a ceramic is glazed. \_\_\_\_\_  
\_\_\_\_\_

5. Make, glaze, and fire ONE of the following (formed by hand without a potter's wheel or mold):
- a. Flat dish or tray
  - b. Coil bowl or pot
  - c. Two decorative tiles
  - d. Figurine or statue
- Show your work to your commander.

6. Make (or pour) then clean, glaze, and fire ONE of the following:
- a. Vase, bowl, or cup from a potter's wheel
  - b. Vase, bowl, or cup from a ceramic mold
  - c. Vase, bowl, or cup from a porcelain mold
- Show your work to your commander.

7. List at least five examples of ceramics made professionally in the United States.

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