



Royal Rangers

Merit Requirements: **Green-Bordered Merit**

POTTERY

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:

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
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



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