



# Pottery

## Merit Badge Workbook

This workbook can help you but you still need to read the merit badge pamphlet (book). No one can add or subtract from the Boy Scout Requirements #33215. Merit Badge Workbooks and much more are below: [Online Resources](#).

Send comments to: [craig@craiglincoln.com](mailto:craig@craiglincoln.com). Requirements revised: 2002, Workbook updated: February 2008.

Scout's Name: \_\_\_\_\_ Unit: \_\_\_\_\_

Counselor's Name: \_\_\_\_\_ Counselor's Ph #: \_\_\_\_\_

1. Explain to your counselor the precautions that must be followed for the safe use and operation of a potter's tools, \_\_\_\_\_

equipment, \_\_\_\_\_

and other materials. \_\_\_\_\_

2. Explain the properties and ingredients of a good clay body for the following:

a. Making sculpture \_\_\_\_\_

b. Throwing on the wheel \_\_\_\_\_

3. Make two drawings of pottery forms, each on an 8 1/2 by 11 inch sheet of paper. One must be a historical pottery type. The other must be of your own design.

4. Explain the meaning of the following pottery terms:

bat, \_\_\_\_\_

wedging, \_\_\_\_\_

throwing, \_\_\_\_\_

leather hard, \_\_\_\_\_

bone dry, \_\_\_\_\_

greenware, \_\_\_\_\_

bisque, \_\_\_\_\_

terra-cotta, \_\_\_\_\_  
\_\_\_\_\_

grog, \_\_\_\_\_  
\_\_\_\_\_

slip, \_\_\_\_\_  
\_\_\_\_\_

score, \_\_\_\_\_  
\_\_\_\_\_

earthenware, \_\_\_\_\_  
\_\_\_\_\_

stoneware, \_\_\_\_\_  
\_\_\_\_\_

porcelain, \_\_\_\_\_  
\_\_\_\_\_

pyrometric cone, \_\_\_\_\_  
\_\_\_\_\_

and glaze. \_\_\_\_\_  
\_\_\_\_\_

5. Do the following. Each piece is to be painted, glazed, or otherwise decorated by you:

- a. Make a slab pot, a coil pot, and a pinch pot. \_\_\_\_\_
- b. Make a human or animal figurine or decorative sculpture. \_\_\_\_\_
- c. Throw a functional form on a potter's wheel. \_\_\_\_\_
- d. Help to fire a kiln. \_\_\_\_\_

6. Tell how three different kinds of potter's wheels work.

Type 1 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Type 2 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Type 3 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. Visit the kiln yard at a local college or other crafts school. Learn how the different kinds of kilns work, including the

low-fire electric, \_\_\_\_\_  
\_\_\_\_\_

high-fire gas or propane, \_\_\_\_\_  
\_\_\_\_\_

wood or salt/soda, \_\_\_\_\_  
\_\_\_\_\_

and raku. \_\_\_\_\_  
\_\_\_\_\_

8. Explain the scope of the ceramic industry in the United States. \_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_

Tell some things made other than craft pottery. \_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Online Resources** *(Use any Internet resource with caution and only with your parent's or guardian's permission.)*

**Merit Badge Workbooks:** [usscouts.org](http://usscouts.org) -or- [meritbadge.org](http://meritbadge.org)      ► **Merit Badge Books:** [www.scoutstuff.org](http://www.scoutstuff.org)

Boy Scouts of America: <http://www.scouting.org/>   ► [Requirements](#)   ► [Intro to Merit Badges](#)   ► [Guide to Safe Scouting](#)

► [Youth Protection](#)   ► [Leave No Trace](#)   ► [Outdoor Code](#)   ► [Wilderness Use](#)   ► [Safe Swim Defense](#)   ► [Safety Afloat](#)

[ExpertVillage First Aid Videos](#)   🎬 [Make a First Aid Kit](#)   🎬 [Basics](#)   🎬 [Basics2](#)   🎬 [CPR Basics](#)   🎬 [Venomous Snake Bite](#)

🎬 [Making Pottery by Hand](#)   🎬 [Making Pottery with a Wheel](#)   🎬 [Pottery & Ceramics](#)   🎬 [Techniques](#)

Ceramics Monthly: <http://ceramicsmonthly.org>

Popular Ceramics: <http://www.popularceramics.com>

Pottery Making Illustrated: <http://www.potterymaking.org>

Organizations and Associations: <http://www.amartpot.org>

The American Ceramic Society: <http://www.ceramics.org>

The Pottery Studio: <http://www.studiopottery.com>