



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](#).

Workbook developer: craig@craiglincoln.com. Requirements revised: 2002, Workbook updated: April 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.)*

Boy Scouts of America: ▶ scouting.org ▶ [Guide to Safe Scouting](#) ▶ [Age-Appropriate Guidelines](#) ▶ [Safe Swim Defense](#)
▶ [Scout](#) ▶ [Tenderfoot](#) ▶ [Second Class](#) ▶ [First Class](#) 📺 [Rank Videos](#) ▶ [Safety Afloat](#)

Boy Scout Merit Badge Workbooks: usscouts.org -or- meritbadge.org **Merit Badge Books:** www.scoutstuff.org

[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>