



Woodwork

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. Requirements revised: 2003, Workbook updated: February 2008.

Scout's Name: _____ Unit: _____

Counselor's Name: _____ Counselor's Ph #: _____

1. Do the following:

a. Show that you know first aid for injuries that could occur while woodworking, including splinters, _____

_____ scratches, _____

_____ cuts, _____

_____ severe bleeding, _____

_____ and shock. _____

Tell what precautions must be taken to help prevent loss of eyesight or hearing, _____

_____ and explain why and when it is necessary to use a dust mask. _____

b. Earn the Totin' Chip recognition. _____

c. Tell your counselor what precautions you take to safely use your tools. _____

2. Do the following:

a. Describe how timber is grown, _____

_____ harvested, _____

_____ and milled. _____

Tell how lumber is cured, _____

seasoned, _____

graded, _____

and sized. _____

b. Collect and label blocks of six kinds of wood useful in woodworking. Describe the chief qualities of each. Give the best uses of each.

Kind of wood _____

Chief qualities _____

Best uses _____

Kind of wood _____

Chief qualities _____

Best uses _____

Kind of wood _____

Chief qualities _____

Best uses _____

Kind of wood _____

Chief qualities _____

Best uses _____

Kind of wood _____

Chief qualities _____

Best uses _____

Kind of wood _____

Chief qualities _____

Best uses _____

3. Do the following:

a. Show the proper care, use, and storage of all working tools and equipment that you own or use at home or school.

b. Sharpen correctly the cutting edges of two different tools.

4. Using a saw, plane, hammer, brace, and bit, make something useful of wood. Cut parts from lumber that you have squared and measured from working drawings.

5. Create your own carpentry project.

List the materials you will need to complete your project, and then build your project. _____

Keep track of the time you spend and the cost of the materials.

6. Do any TWO of the following:

- a. Make working drawings of a project needing (1) beveled or rounded edges OR curved or incised cuttings, OR (2) miter, dowel, or mortise and tenon joints. Build this project.
- b. Make something for which you have to turn duplicate parts on a lathe.
- c. Make a cabinet, box, or something else with a door or lid fastened with inset hinges.
- d. Help make and repair wooden toys for underprivileged children OR help carry out a carpentry service project approved by your counselor for a charitable organization.

7. Talk with a cabinetmaker or carpenter. Find out about the training, _____

apprenticeship, _____

career opportunities, _____

work conditions, _____

work hours, _____

pay rates, _____

and union organization that woodworking experts have in your area. _____

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

Merit Badge Workbooks: usscouts.org -or- meritbadge.org

► **Merit Badge Books:** 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](#)

[ExpertVillage.com Lesson Videos:](#) 📺 [How to Use a Jig Saw](#) 📺 [How to Use a Belt Sander](#) 📺 [How to Use a Lathe](#)

📺 [How to Use a Miter Saw](#)

📺 [How to Use an Orbital Sander](#)

📺 [How to Use a Finishing Sander](#)

📺 [How to Make Shadow Box](#)

📺 [How to Build Bookshelves](#)

American Woodworker: <http://www.americanwoodworker.com>

Popular Woodworking: <http://www.popularwoodworking.com>

Absolutely Free Plans: <http://absolutelyfreeplans.com>

KidsCanMakeIt.com: <http://www.kidscanmakeit.com/>

National Association of Home Builders: <http://www.nahb.org>

Sawdust Making 101: <http://www.sawdustmaking.com>

United Brotherhood of Carpenters: <http://www.carpenters.org>

Woodworking Tips: <http://www.woodworkingtips.com/>

WoodZone.com: <http://www.woodzone.com>