



2024 Edition

SCOUTMASTER BUCKY

Woodwork Merit Badge

SCOUTS PARTICIPATING IN A SCOUTMASTER BUCKY MERIT BADGE OPPORTUNITY (ONLINE OR IN PERSON), PLEASE CONSIDER ALSO USING THE WOODWORK MERIT BADGE CLASS PREPARATION PAGE FOR CLARIFICATIONS, INSIGHTS, AND EXPECTATIONS.

<https://scoutmasterbucky.com/merit-badges/woodwork/woodwork-cpp.pdf>

WOODWORK MERIT BADGE WORKBOOK

REQUIREMENT 1a: Explain to your counselor the most likely hazards you may encounter while participating in woodwork activities, and what you should do to anticipate, help prevent, mitigate, and respond to these hazards. Explain what precautions you should take to safely use your tools.

HAZARD #1

Description:

Anticipate:

Help Prevent:

Mitigate:

Respond:



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HAZARD #2

Description:

Anticipate:

Help Prevent:

Mitigate:

Respond:



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HAZARD #3

Description:

Anticipate:

Help Prevent:

Mitigate:

Respond:



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HAZARD #4

Description:

Anticipate:

Help Prevent:

Mitigate:

Respond:



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HAZARD #5

Description:

Anticipate:

Help Prevent:

Mitigate:

Respond:



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REQUIREMENT 1b: Show that you know first aid for injuries that could occur while woodworking, including splinters, scratches, cuts, severe bleeding, and shock.

Splinters:

Scratches:

Cuts:

Severe Bleeding:



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Shock:

REQUIREMENT 1b: Tell what precautions must be taken to help prevent loss of eyesight.

Notes:

REQUIREMENT 1b: Tell what precautions must be taken to help prevent loss of hearing.

Notes:

REQUIREMENT 1b: Explain why and when it is necessary to use a dust mask.

Notes:



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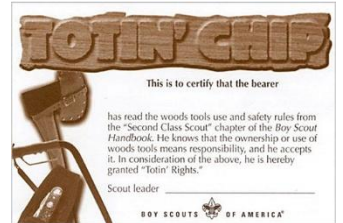
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REQUIREMENT 1c: Earn the Totin' Chip recognition.

Totin' Chip

This certification grants a Scout the right to carry and use a pocket knife and / or use a hand axe or saw. A Totin' Chip Card will be issued upon completion of the requirements; however, a Scout's Totin' Rights can be taken from them if they fail in their responsibilities. This Totin' Chip Card is to be in the possession of a Scout anytime they carry a pocket knife or use their pocket knife, a hand axe, or saw during a Scout outing. The Scout must show their Scout Leader, or someone designated by their leader, that they understand their responsibility to do the following requirements.



Requirements:

1. Read and understand woods tools use and safety rules from the *Scout Handbook*
2. Demonstrate proper handling, care, and use of the pocket knife, ax, and saw
3. Use knife, ax, and saw as tools, not playthings
4. Respect all safety rules to protect others
5. Respect property. Cut living and dead trees only with permission and with good reason
6. Subscribe to the Outdoor Code



Notes:



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REQUIREMENT 2a: Describe how timber is grown.

Notes:

REQUIREMENT 2a: Describe how timber is harvested.

Notes:

REQUIREMENT 2a: Describe how timber is milled.

Notes:



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REQUIREMENT 2a: Tell how lumber is cured.

Notes:

REQUIREMENT 2a: Tell how lumber is seasoned.

Notes:

REQUIREMENT 2a: Tell how lumber is graded.

Notes:

REQUIREMENT 2a: Tell how lumber is sized.

Notes:



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REQUIREMENT 2b: Collect and label blocks of six kinds of wood useful in woodworking. Describe the chief qualities of each. Give the best uses of each.

Don't forget to bring your wood blocks to share with the merit badge counselor.

This requirement must be reviewed with your merit badge counselor.

BE PREPARED!

WOOD BLOCK SAMPLE #1:

Name / Type:

Qualities:

Use(s):



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WOOD BLOCK SAMPLE #2:

Name / Type:

Qualities:

Use(s):



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WOOD BLOCK SAMPLE #3:

Name / Type:

Qualities:

Use(s):



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WOOD BLOCK SAMPLE #4:

Name / Type:

Qualities:

Use(s):



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WOOD BLOCK SAMPLE #5:

Name / Type:

Qualities:

Use(s):



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WOOD BLOCK SAMPLE #6:

Name / Type:

Qualities:

Use(s):



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REQUIREMENT 3a: Show the proper care, use, and storage of all working tools and equipment that you own or use at home or school.

List of Tools:

This requirement must be reviewed with your merit badge counselor.

BE PREPARED!

REQUIREMENT 3b: Correctly sharpen the cutting edges of two different tools.

This requirement must be reviewed with your merit badge counselor.

REQUIREMENT 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.

This requirement must be reviewed with your merit badge counselor.



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REQUIREMENT 5:

Create your own woodworking project. Begin by making working drawings, 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.

Project Description:

List of Materials:

Time Spent and Cost of Materials:



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DO ANY TWO OF THE FOLLOWING (6A, 6B, 6C, 6D, or 6E) FOR REQUIREMENT 6

- REQUIREMENT 6a:** Make working drawings of a project needing beveled or rounded edges and build it.
- REQUIREMENT 6b:** Make working drawings of a project needing curved or incised cuttings and build it.
- REQUIREMENT 6c:** Make working drawings of a project needing miter, dowel, or mortise and tenon joints and build it.
- REQUIREMENT 6d:** Make a cabinet, box, or something else with a door or lid fastened with inset hinges.
- REQUIREMENT 6e:** Help make wooden toys for underprivileged children; OR help carry out a woodworking service project approved by your counselor for a charitable organization.

Selected Requirement Component:

Notes:



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REQUIREMENT 7: Talk with a cabinet maker or finish carpenter. Learn about training, apprenticeships, career opportunities, work conditions, work hours, pay rates, and union organization that woodworking experts have in your area.

Training Requirements:

Apprenticeships:

Career Opportunities:



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Work Conditions:

Work Hours:

Pay Rates:

Union Organizations: