

Woodwork

Merit Badge Workbook

This workbook can help you but you still need to read the merit badge pamphlet.

This Workbook can help you organize your thoughts as you prepare to meet with your merit badge counselor

Merit Badge Counselors may not require the use of this or any similar workbooks.

You still must satisfy your counselor that you can demonstrate each skill and have learned the information. You should use the work space provided for each requirement to keep track of which requirements have been completed, and to make notes for discussing the item with your counselor, not for providing full and complete answers.

If a requirement says that you must take an action using words such as "discuss", "show",

"tell", "explain", "demonstrate", "identify", etc, that is what you must do.

No one may add or subtract from the official requirements found in Scouts BSA Requirements (Pub. + 33216) and/or on Scouting.org.

The requirements were last issued or revised in <u>2021</u> • This workbook was updated in <u>January 2021</u>.

| Scout's Name: | Un | it: |
|---------------------------------|--|---|
| Counselor's Name: Phone No.: | | Email: |
| Comments or suggestions for cha | inges to the <u>requirements</u> for the <u>meri</u> | t this workbook to: Workbooks@USScouts.Org it badge should be sent to: Merit.Badge@Scouting.Org |
| Do the following: | ounselor the most likely hazards you m | ay encounter while participating in woodwork activities, |
| | ould do to anticipate, help prevent, mitig | |
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| Explain what pre | cautions you should take to safely use y | your tools. |
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b. Show that you know first aid for injuries that could occur while woodworking, including splinters, scratches, cuts, severe bleeding, and shock.

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| Show that you know severe bleeding, an | v first aid for injuries that could occur while woodworking, including splinters, scratches, cuts d shock. |
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| Splinters | |
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| Scratches: | |
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| Cuts: | |
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| Severe bleeding: | |
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| Shock:. | |
| SHOCK | |
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| Tell what precaution | ns must be taken to help prevent loss of eyesight or hearing, and explain why and when it is |
| necessary to use a | dust mask. |
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Scout's Name: ____ _

c. Earn the Totin' Chip recognition.

Woodwork

Woodwork Scout's Name: ____ ___

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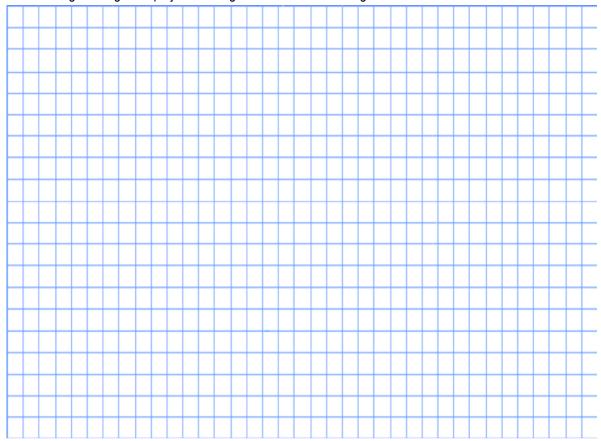
| e following: | |
|-----------------|--|
| a. Describe how | timber is grown, harvested, and milled. |
| Grown: | |
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| Harvested: | |
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| | |
| Milled: | |
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| Tell how lumb | per is cured, seasoned, graded, and sized. |
| Cured: | |
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| Seasoned: | |
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| Graded: | |
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| Sized: | |
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| b. | Co the | llect best | and label blocks of six t uses of each. | kinds of wood useful in woodworking. | Describe the chief qualities of each. Give |
|----|-----------|---------------|--|--------------------------------------|--|
| | С | 1. | Kind of wood | | |
| | | | Chief qualities | | |
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| | | | Best uses | | |
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| | С | 2. | Kind of wood | | |
| | | | Chief qualities | | |
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| | | | Best uses | | |
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| | С | 2 | Kind of wood | | |
| | | J. | Chief qualities | | |
| | | | Crilei qualities | | |
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| | | | Best uses | | |
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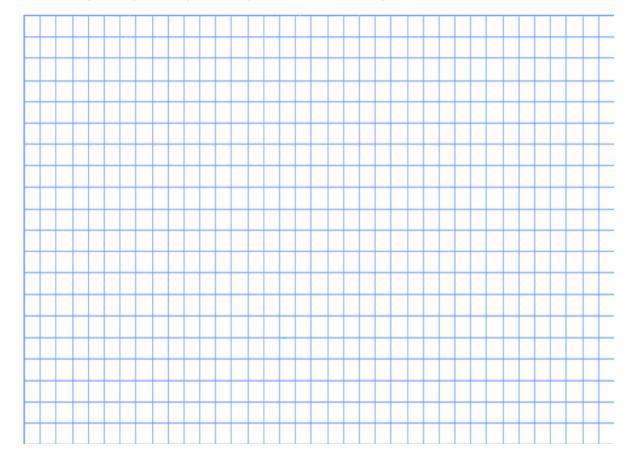
| С | 4. | Kind of wood | |
|---|----|-----------------|--|
| | | Chief qualities | |
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| | | Best uses | |
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| С | 5. | Kind of wood | |
| | | Chief qualities | |
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| | | Best uses | |
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| С | 6. | Kind of wood | |
| | | Chief qualities | |
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| | | Best uses | |
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| Woodwork | | | Scout's Name: | | | | |
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| 4. | 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 so b. Sharpen correctly the cutting edges of two different tools. 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. 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. | | | | | | |
| | Begin by making work | | | Hours | Materialls Cost | | |
| | | | Totals | | | | |

- 6. Do any TWO of the following:
 - a. Make working drawings of a project needing beveled or rounded edges and build it

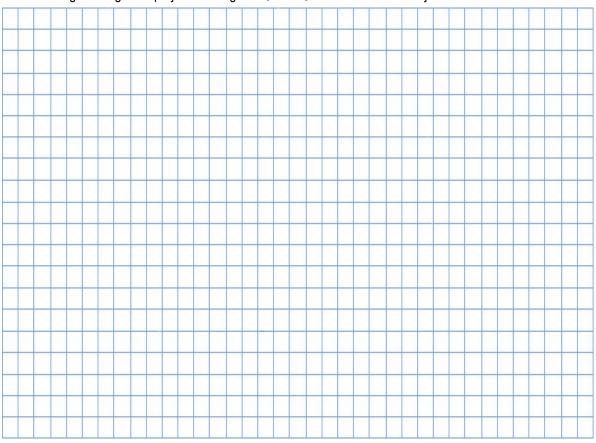


b. Make working drawings of a project needing curved or incised cuttings and build it



| Woodwork | Scout's Name: |
|---------------------------------------|---------------|
| · · · · · · · · · · · · · · · · · · · | |

c. Make working drawings of a project needing miter, dowel, or mortise and tenon joints and build it.



| | d. | Make a cabinet, | box, or s | omething e | else with a | door or lid | fastened | with inset hinges. |
|--|----|-----------------|-----------|------------|-------------|-------------|----------|--------------------|
|--|----|-----------------|-----------|------------|-------------|-------------|----------|--------------------|

- e. Help make wooden toys for underprivileged children OR help carry out a woodworking service project approved by your counselor for a charitable organization.
- 7. Talk with a cabinetmaker or finish carpenter. Learn about the training, apprenticeships, career opportunities, work conditions, work hours, pay rates, and union organization that woodworking experts have in your area.

| Training | |
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| Apprenticeships: | |
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| Career opportunities: | |
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| Woodwork | Scout's Name: |
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| Work conditions: | |
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| Work hours: | |
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| Pay rates: | |
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When working on merit badges, Scouts and Scouters should be aware of some vital information in the current edition of the *Guide to Advancement* (BSA publication 33088). Important excerpts from that publication can be downloaded from http://usscouts.org/advance/docs/GTA-Excerpts-meritbadges.pdf.

You can download a complete copy of the Guide to Advancement from http://www.scouting.org/filestore/pdf/33088.pdf.