

Woodwork

Worksheet by the Merit Badge Center, Philippines

Last Updated: March 22, 2021



This worksheet was created to assist Scouts with their merit badge work. The worksheet does not replace the actual merit badge counseling process. A certified merit badge counselor for the badge must still certify your completion of each requirement and the merit badge. 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. **Merit badge counselors may not require the use of this worksheet or any similar material.** No one may add, subtract, or modify the official requirements for the merit badge as prescribed by the Boy Scouts of the Philippines.

Scout's Name: _____ Unit: _____

Requirement 1. Describe briefly how timber is grown, harvested, and milled. Tell how lumber is cured, seasoned, graded, and sized. Collect and label sample blocks of six kinds of wood useful in woodworking. Describe the chief qualities and best uses of each.

How timber is grown.

How timber is harvested.

How timber is milled.

How lumber is cured.

How lumber is seasoned.

How lumber is graded.

How lumber is sized.

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

Kind of Wood	Chief Qualities	Best Use
1.		
2.		
3.		
4.		
5.		
6.		

Requirement 2. Demonstrate proper care and use of all woodworking tools and equipment which are owned or are permitted to be used at home or in school. Sharpen correctly two edge-cutting tools.

Demonstrate proper care and use of all woodworking tools and equipment with your Merit Badge Counselor. Have your Merit Badge Counselor certify the completion of this requirement.

Merit Badge Counselor's Signature

Date

Sharpen Correctly two edge-cutting tools.

1.
2.

Have your Merit Badge Counselor certify the completion of this requirement.

Merit Badge Counselor's Signature

Date

Requirement 3. Make a useful article of wood which calls for the use of saw, plane, hammer, brace, and bit. Cut parts from lumber which you have measured and squared correctly according to working drawings.

Useful article of wood you are making: _____

Have your Merit Badge Counselor approve a working drawing of the article of wood you will be making and attach it to your worksheet.

Cut parts from lumber which you have measured and squared correctly. Have your Merit Badge Counselor certify the completion of this requirement.

Merit Badge Counselor's Signature

Date

Show your Merit Badge Counselor the useful article of wood you have made following the requirement that it calls for the use of saw, plane, hammer, brace, and bit. Have your Merit Badge Counselor certify the completion of this requirement.

Merit Badge Counselor's Signature

Date

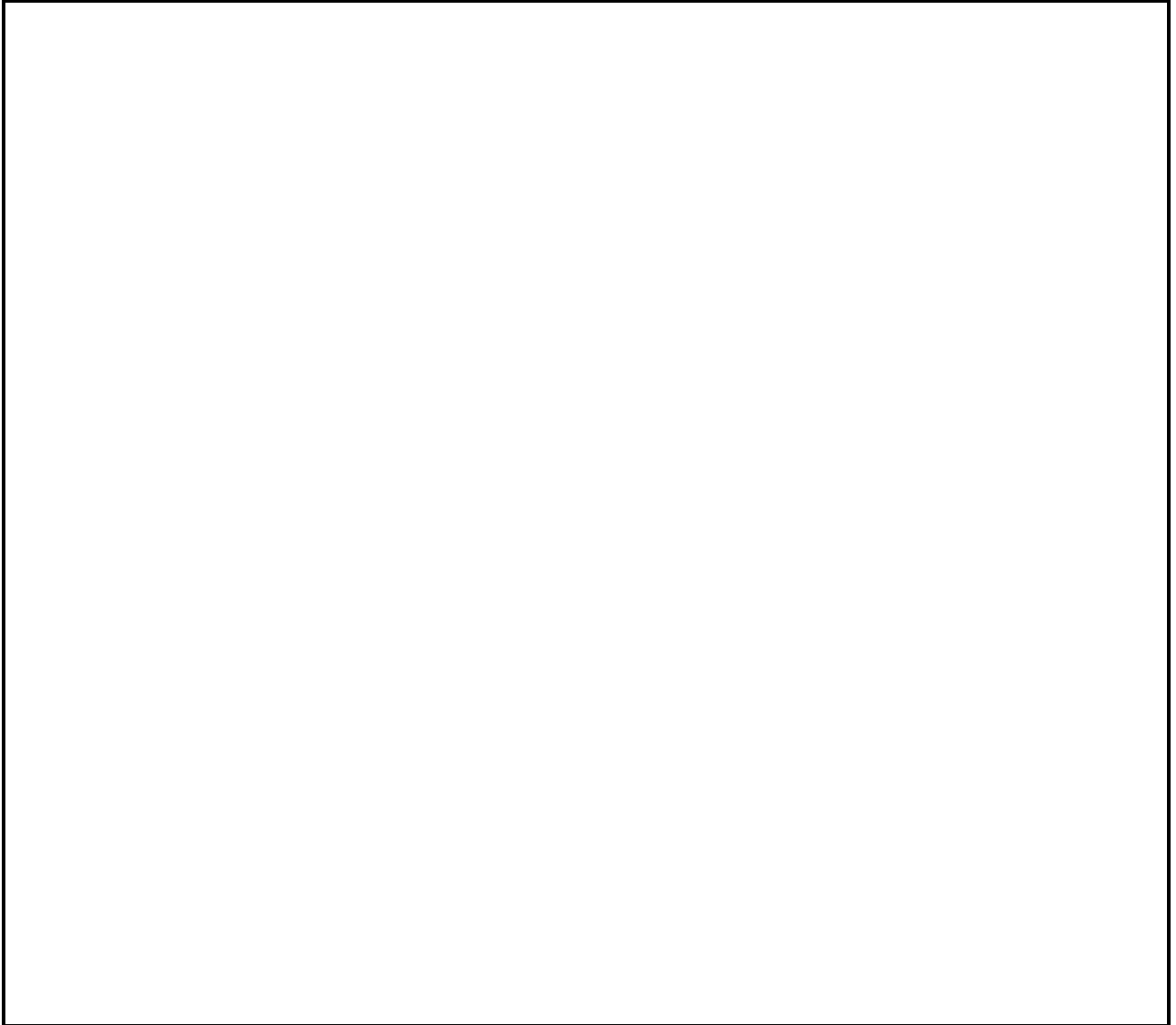
Requirement 4. Submit for approval to your Counselor, a working sketch of a carpentry project, along with a list of materials needed. Complete the project and submit a report of time spent and the cost of materials.

Working sketch of a carpentry project.

Requirement 5. Do any two of the following projects:

- a. Make a working drawing of some article requiring (1) beveled or rounded edges, or curved or incised cutting; and (2) miter, dowel, or mortise and tenon joints. Construct the article.**

Make a working drawing based on the minimum specification of the requirement.



Have your Merit Badge Counselor approve the working drawing.

Merit Badge Counselor's Signature

Date

Construct the article. Show your Merit Badge Counselor the constructed article and certify the completion of this requirement.

Merit Badge Counselor's Signature

Date

b. Make an article for which you have to turn duplicate parts on a lathe.

Article you are making: _____

Have your Merit Badge Counselor approve the article you are making.

Merit Badge Counselor's Signature

Date

Make the article. Show your Merit Badge Counselor the article you have made and certify the completion of this requirement.

Merit Badge Counselor's Signature

Date

c. Make a cabinet, storage box, or some other article with a door or lid attached with inset hinges.

Article you are making: _____

Have your Merit Badge Counselor approve the article you are making.

Merit Badge Counselor's Signature

Date

Make the article. Show your Merit Badge Counselor the article you have made and certify the completion of this requirement.

Merit Badge Counselor's Signature

Date

