

Your name

(Print your name on the line.)

• silver merit •

Frontier Carpenter

MERIT REQUIREMENTS CHECKLIST

INTRODUCTION

The Frontier Carpenter merit is a part of the Arrowhead merit series developed by the Frontiersmen Camping Fellowship (FCF). Although Arrowhead merits are intended to provide FCF members with specialized training on advanced frontier skills, any Royal Rangers boy may earn an Arrowhead merit and any Royal Rangers leader may teach an Arrowhead merit regardless of FCF membership status. As with any merit, the boy's group leader approves the completion of all Arrowhead merits.

Since this merit is intended to feature primitive carpentry skills, the use of modern electrical power tools is not allowed. All cuts and joints must be made using hand tools such as handsaws and chisels.

Boys seeking to earn this skill merit or adult leaders seeking to earn the related Arrowhead award must accumulate a minimum of 15 points from any combination of the following requirements. For information on Arrowhead merits and Arrowhead awards, refer to the *Frontiersmen Camping Fellowship Handbook* (2014 edition).

MERIT REQUIREMENTS

1. Read a book about the various styles, types, and methods of using primitive hand tools. (1 point)
2. Identify the parts of a tree and the qualities of each part when used for lumber. Identify several types of lumber and their qualities for building projects. (1 point)
3. Collect samples of six types of wood useful in woodworking. Identify each sample and describe its qualities. Explain the best uses for each type of wood. (1 point)

Leader's
Initials _____

Date _____

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| 4. Use a mallet or primitive hammer on a woodcraft project. (1 point) | Leader's
Initials _____
Date _____ |
| 5. Use a brace or breast drill on a woodcraft project. (1 point) | Leader's
Initials _____
Date _____ |
| 6. Use a crosscut saw or a finish saw on a woodcraft project. (1 point) | Leader's
Initials _____
Date _____ |
| 7. Describe the following woodworking joints: dovetail, tenon, end lap, mitered, and rabbet. (1 point) | Leader's
Initials _____
Date _____ |
| 8. Identify various finishing materials and use at least two on a woodcraft project. (1 point) | Leader's
Initials _____
Date _____ |
| 9. Make a wooden chest, trunk, or box using inset hinges, a closure, and handles. One linear dimension of the chest, trunk, or box must measure at least twelve inches. (2 points) | Leader's
Initials _____
Date _____ |
| 10. Make a chair or table that includes at least one aspect of the tools, materials, and techniques described in requirements 3–8. (3 points) | Leader's
Initials _____
Date _____ |
| 11. Enter a handmade woodcraft project in an FCF or Royal Rangers skills competition, use it as a trade item for an FCF advancement, or give it as a prize or gift to another Royal Ranger. (2 points) | Leader's
Initials _____
Date _____ |
| 12. Use a drawknife to prepare a complete set of lodge poles for a primitive shelter. (2 points) | Leader's
Initials _____
Date _____ |
| | Date Completed _____ |

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13. Make working drawings or plans for a log cabin, log structure, or a milled wood structure. At a minimum, the log or milled wood structure must measure at least 10' by 10' with a roof. Build or assist in the construction of the log or milled wood structure. (3 points)

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