

Requirements

1. Study and understand the requirements for personal safety when using such modelmaker hand tools such as: knives, handsaws, vices, files, hammers, screwdrivers, hand drills and drill bits, pliers, and portable power tools, and when to use protective equipment such as goggles when grinding or drilling. Know what precautions to take when using flammable or hazardous products such as: glue, epoxy, paint, thinners. Discuss these with your counselor before you begin your model-making project and tell why they are important.
2. Do the following:
 - a. Explain to your counselor the hazards you are most likely to encounter while wood carving, and what you should do to anticipate, help prevent, mitigate, or lesson these hazards.
 - b. Show that you know first aid for injuries that could occur while wood carving, including minor cuts and scratches and splinters.
3. Do the following:
 - a. Earn the Totin' Chip recognition.
 - b. Discuss with your merit badge counselor your understanding of the Safety Checklist for Carving.
4. Do the following:
 - a. Explain to your counselor, orally or in writing, the care and use of five types of tools that you may use in a carving project.
 - b. Tell your counselor how to care for and use several types of sharpening devices, then demonstrate that you know how to use these devices.
5. Using a piece of scrap wood or a project on which you are working, show your merit badge counselor that you know how to do the following:
 - a. Paring cut
 - b. Push cut and levering cut
 - c. "V" cut
 - d. Stop cut or score line
6. Tell why different woods are used for different projects. Explain why you chose the type of wood you did for your projects in requirements 6 and 7.
7. Plan your own or select a project from this (the *Wood Carving*) merit badge pamphlet and complete a simple carving in the round.
8. Complete a simple low-relief OR a chip carving project.