

# Wood Guidelines

## Ages:

Apprentice – 7-11  
Handyman – 12-15  
Craftsman – 16-19

## Objectives:

- For youth to progressively develop new skills, leadership skills and citizenship responsibilities.
- To develop an appreciation for woodworking as a practical art or vocation.
- To acquire knowledge and develop skills in the selection and appropriate use of various types of wood and wood products.
- To learn proper and safe use and care of woodworking tools and machinery.
- To learn how to prepare wood for finishing and choose an appropriate finish.

## Apprentice:

### First Year

- Learn to use hand tools including: tri-square, hand saws, hammer, brace and bit, planes, screwdrivers, chisel, and sandpaper.
- Learn to select wood.
- Learn to lay out a project.
- Learn to prepare wood surfaces for finishing.
- Learn to make simple joints and use simple fasteners (examples: nails, screws, glue).

### Second Year

- Improve on skills learned prior year.
- Learn to use one of the following power tools: electric drill, vibrating or reciprocating sander, saber saw, or jig saw.

### Third Year

- Improve on skills learned.
- Learn to use one or more of the power tools listed for the second year.

### Suggested Projects for the Apprentice:

- Tie holder, knife holder, cutting board, towel holder, toolbox, bird house and feeder, lock puzzle, book ends, book rack, etc.

## Handyman:

- Make and use complex joints and wood fasteners (work with doors and drawers).
- Draw working sketches.
- Learn basic tool conditioning.
- Learn advanced skills in wood selection and finishing.
- With your leader's approval, learn to use one of the following: power saw, drill press, router, belt, or disk sander.

### Suggested projects for the Handyman:

- Bookshelf, shadow box, simple turned bowls, toolbox, spice cabinet, simple table, telephone shelf, wall desk, quilt rack, toy box, etc.

## Craftsman:

- Learn advanced skills in the use of tools.
- Learn advanced construction techniques.
- Learn new wood finishing techniques.
- Select and use hardboard, resin-bonded particle board, veneer, surfacing materials, and hardware.
- Learn to use the power circular saw, jointer, drill press and band saw under adult supervision.
- Learn to develop original designs.

### Suggested Projects for the Craftsman:

- Gun cabinet, headboard, bookcase, coffee table, desk, phone bench, etc.