

## What do I do next?

Name

Not sure what to do next? Use this checklist to see what you should do!

### 1. Grab some knowledge

- Complete all your worksheets about measurement, drawing, layout, and safety.
- Then ask if you can choose your lumber.

### 2. Mill your lumber to width and thickness.

- Use the jointer to make one face and both sides flat.
- Use the planer to make all the pieces 1/2" thick.
- Use the table saw to rip the wood for the sides to 3" wide
- Use the table saw to rip the wood for the ends to 5" wide

### 3. Lay out your work.

- Lay out the cuts for the sides onto the 3" wide wood. Leave space at each end.
- Lay out both ends onto the 5" wide wood. Leave space at each end.
- Lay out the measurements for the bottom on your sheet of plywood.
- Remember to mark areas of waste.

### 4. Shape your pieces

- Use the tablesaw to mill the dados on your sides and ends
- Use the mitre saw to cut out the pieces. Remember to cut on the waste side of the lines!
- Use the drill press to drill a 3/4" hole in each end. Use the vice and a piece of scrap.
- Use the mitre saw to cut the ends, sides, and bottom to length.
- Use the bandsaw to cut the angles on the two ends.
- Use the bandsaw or tablesaw to rip the plywood bottom to width.
- Use a biscuit joiner to cut the biscuit slots for #0 biscuits

### 6. Do a test assembly

- Put in the biscuits and put all the pieces together without glue to make sure everything fits.

### 7. Assemble the toolbox

- Put down paper and get everything together using wood glue.
- Clamp it up tightly with clamps.
- Use a square to check that the corners are at 90 degrees.

### 8. Sand to smoothness

- Use the stationary sander to quickly smooth your joints.
- Fill if needed. Let the wood filler dry.
- Scrape away blobs of glue and use wood filler to fill any gaps in your joinery.
- Use a palm sander to sand from 40 -> 60 -> 100 -> 150 grit.

### 9. Finish

- Use paint or water-based polyurethane to finish your toolbox. Wait at least 30 mins between coats.
- Sand with 220 grit sandpaper after the second and each following coat.
- Apply 3-7 coats for the best quality.