

What do I do next?

Understanding all the steps in building something is important. You can't start painting your project before you start cutting the wood - it simply wouldn't work.

In this worksheet, please write the correct number to put the instructions in the correct order.

_____ **Cut the groove for the glass.** Use the router table to rout a 1/4 x 1/4" rabbet along the short side of each part of your frame.

_____ **Grab some knowledge.** Complete all your worksheets about measurement, drawing, layout, and safety.

_____ **Cut to width.** Use the table saw to rip your lumber into two pieces so that they are exactly 2" wide.

_____ **Secure the glass.** Place the glass in the back of the frame. Secure the glass using one or two glazing points on each of the four sides.

_____ **Cut into top, bottom, and sides.** Use the mitre saw to cut two pieces with 45 degree mitres at each end and 12 1/8" from corner to corner. Use the mitre saw to cut two pieces with 45 degree mitres at each end and 14 5/8" from corner to corner.

_____ **Glue and assemble.** Stretch a piece of tape face up on the workbench. Lay out the parts of your frame along it, being especially tight on the corners. Add glue to the mitre cuts on your frame. Fold up the frame and clamp with strap clamps. Tighten snugly to close up the mitre joints.

_____ **Staple the corners.** Use the framing stapler to staple the corner mitres together.

_____ **Sand carefully.** Use a palm sander to sand the frame through the various grits: 40 > 60 > 100 > 150 grit.

_____ **Lay out your cuts.** Show your teacher your layout handout so they will give you your lumber. Then lay out the cut lines on your lumber.

_____ **Finish.** Use paint or water-based polyurethane to finish your frame. Wait at least 30 mins between coats. Apply 3-5 coats for the best quality. Sand by hand with 220 grit sandpaper between coats. Don't throw the 220 grit sandpaper out.

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