100s OF FREE AND EASY KNOCK-OFF FURNITURE PLANS TO SAVE YOU \$1000s PLANS: 6 Cube Bookshelf

Compare to: Land of Nod Cube Collection, 6 Cube Bookshelf Skill Level: Beginner


## Easy Six Cube Bookshelf

I love the storage cubes in kids rooms because they give you an opportunity to have your children clean their own rooms. Featuring six cubes with an opening of $12^{\prime \prime} \times 13^{\prime \prime}$ deep $\times 111 / 2^{\prime \prime}$ tall, this collection works perfectly with most standard sized pop up canvas totes. And cute hardware label holders and have your kids cleaning their own rooms! Fully framed for extra support, this one is easy to build and you will see more from this collection soon!

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## SHOPPING LIST

| Quantity | Description |
| :---: | :--- |
| $\mathbf{1}$ | $1 \times 12,12^{\prime}$ Long |
| $\mathbf{1}$ | $1 \times 12,8^{\prime}$ Long |
| 5 | $1 \times 2 \mathrm{~s}, 8^{\prime}$ Length |
| $\mathbf{2 "}^{\prime \prime}$ | Screws |
|  | $11 / 4^{\prime \prime}$ Finish Nails |
| 1 | $\mathbf{2}^{\prime \prime}$ Finish Nails |
|  | Small Tube Wood Glue |
|  | Sandpaper |
|  | Finishing Supplies including wood filler |

## RECOMMENDED TOOLS

Measuring Tape, Square, Saw, Drill with Countersink Bit, Finish Nailer, Sander, Clamps

## CUT LIST

|  | Quantity | Board | Length | Description |
| :--- | :---: | :---: | :---: | :--- |
| A | 1 | $1 \times 12$ | $401 / 2^{\prime \prime}$ | Top |
| B | 2 | $1 \times 12$ | $263 / 4^{\prime \prime}$ | Sides |
| C | 2 | $1 \times 12$ | $39^{\prime \prime}$ | Shelves |
| D | 4 | $1 \times 12$ | $121 / 4^{\prime \prime}$ | Cubby Dividers |
| E | 4 | $1 \times 2$ | $31^{\prime \prime}$ | Legs |
| F | 6 | $1 \times 2$ | $371 / 2^{\prime \prime}$ | Side Shelf Trim |

## IN GENERAL

Refer to the blog at www.knock-offwood.com for any comments of suggestions for this plan. Always wear necessary safety equipment and take safety precautions. Check for square after each step.

Measure all joints out and mark clearly with a square on BOTH sides of the joint (so you know where to nail). Use glue unless otherwise stated. Always predrill and countersink any screws. If you are using MDF, avoid fastening too close to the edges to avoid splitting your MDF.

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 for a rustic solid wood look too.

## DIMENSIONS AND COMPOSTION

Dimensions and composition are shown above. The most inexpensive options for the finish are detailed below.

FOR PAINTED FINISH use MDF cut into $111 / 2^{\prime \prime}$ wide strips or primed MDF boards at least 11 " wide or MDF shelving $11 \frac{1}{2 \prime \prime}$ wide. Boards do not need to be exactly $11 \frac{1}{2}{ }^{\prime \prime}$ wide (as a standard dimensional $1 \times 12$ is). Frame the piece out in pine $1 \times 2 s$ or hardwood $1 \times 2$ s for increased strength. Seal with primer before painting.

FOR RUSTIC SOLID WOOD FINISH (Think Pottery Barn Kid's Thomas Collection) Build the box out of $1 \times 12$ boards (choose straight $1 \times 12$ s) and trim with $1 \times 2$ s made of pine or whitewood. You may need to add wood conditioner to the wood to keep the stain from going on "blotchy."

FOR THE FRAMED IN SOLID HARDWOOD FINISH Buy A1 Plywood in the hardwood of choice (for example, maple) and have the plywood cut at the hardware store into $111 / 2^{\prime \prime}$ wide strips. These strips are now referred to as $1 \times 12 \mathrm{~s}$. Buy matching hardwood $1 \times 2 \mathrm{~s}$ for the legs and face framing.

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## STEP 1: BUILD THE BOX

Mark out all of your joints as shown in the diagram on the cut pieces. Predrill and countersink all screws, using 2 " screws and glue. Adjust for square.


## STEP 2: BOX



Okay, you are probably thinking, how do I screw the cubby divider to the middle shelf, right? Please just trust me. Add some glue and you can add a nail toenailed in to keep it there, the main thing is to screw the sides to the bottom shelf

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## STEP 3: LEGS

Attach the legs to the box with finish nails and wood glue. Keep outside edges flush and make sure you also nail to the shelves. Adjust for square.

## STEP 4: SHELF

 TRIMNow is the step where we attach the cubby dividers in place. Think about it - there is no force or stress on this joint, so a few finish nails from the front and back and a good glue job will keep everything in place. Follow the directions shown above.



## STEP 5: OPTIONAL BACK

If you choose to add a plywood back to the shelves, attach with $1 \frac{1}{4 \prime \prime}$ nails and glue. Don't forget to attach to the middle shelf trim. TIP: You may be able to use beadboard wainscoatting for a back for a cheap and easy and chic back.

## FINISHING

Fill all holes with wood filler. Sand with coarse sandpaper. Fill holes with wood filler again, and sand with medium grit sandpaper. Then finish with a fine sandpaper. Always sand in the direction of the wood grain. If you are painting, prime, painting the insides first, outsides last. Add two coats of paint. You can add a clear top coat if you wish. For staining, always test out a scrap piece, with wood filler. If the wood filler is not taking stain, you may wish to buy a color coordinated wood filler and fill your holes with this. If the stain is going on blotchy, you may need to apply a wood conditioner prior to the stain. Apply a top coat if necessary.

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