

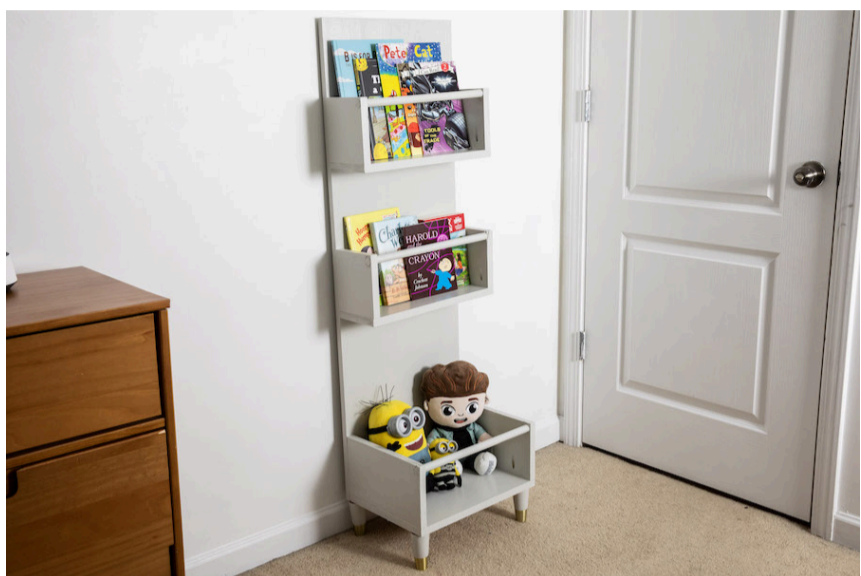
DIY Book and Toy Rack

By **Erin Spain**

Difficulty

Easy

This simple DIY book and toy rack is a great beginner woodworking project and can be free-standing or mounted on the wall. You can also customize the color or finish!



Tools

Kreg Tools

Other Tools

Drill

Saw

Sander

$\frac{3}{4}$ " Forstner drill bit

Materials

Wood Products

1 Project Panel , 4'L X 16" W X $\frac{3}{4}$ "

1 Board , 1x6

1 Board , 1x12

1 Dowel Rod , $\frac{3}{4}$ "

Hardware & Supplies

1 Box Of 1 $\frac{1}{4}$ " Pocket Hole Screws (See Tools List)

4 Furniture Feet (Or Wall Anchors/Mounting Hardware, Optional)

1 Paint Or Stain Of Your Choice

Cut List & Parts

- 2 Top And Middle Shelf , 1x6 Cut To 16" Long
- 4 Shelf Sides , 1x6 Cut To 5 ½" Long
- 1 Bottom Shelf , 1x12 Cut To 16" Long
- 2 Shelf Sides , 1x12 Cut To 6" Long
- 3 Dowel Rods , ¾" Thick Dowel Rods Cut To 16" Long

Directions

1

Cut Wood

Cut all wood according to cut list.



2

Sand

Sand everything smooth



3

Drill Pocket Holes

Using the Kreg Jig 520PRO, drill pocket holes as follows:

(3) pocket holes along one of the long sides of the 16" long 1x12

(3) pocket holes along one of the long sides of each 16" long 1x6

(3) pocket holes along one end of each 5 ½" long 1x6

(2) pocket holes along one side of each 5 ½" long 1x6, perpendicular to the end you drilled the 3 pocket holes in already



4**Drill holes for Dowel Rod**

Use a $\frac{3}{4}$ " Forstner bit to drill a hole in one corner of each of your 5 $\frac{1}{2}$ " long 1x6 pieces (making sure the corners will match up relative to where your pocket holes are, so you'll be able to slide your dowel rod across later) and one corner of each of your 6" long 1x12 pieces.



5**Attach Shelves**

Attach your shelves to your 4' tall project panel (this will serve as the back of the book rack) with 1 ¼" pocket hole screws as follows:

Attach your 1x12 shelf to the very bottom of the panel

Measure 13 ½" inches up and attach one of your 1x6 shelves.

Measure 13 ½" inches up again, and attach your final 1x6 shelf.



6

Add Dowel Rods

Slide your dowel rod through your pre-drilled hole, creating the “front” of your shelf which will hold the books in place. You may need a mallet to pound the dowel into place.



7

Paint or Stain

Paint or stain any color you choose. If you opt to add furniture feet (I found some on Amazon), paint or stain those to match before attaching.

