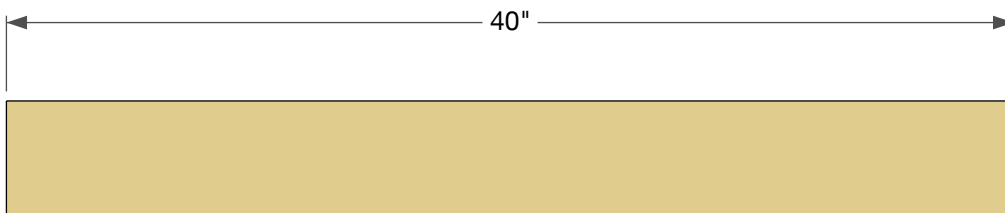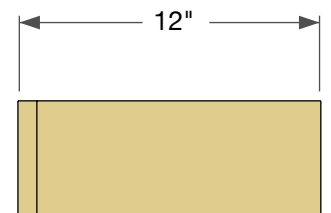# Floating Shelf

*C*ompletely customizable and able to look great in every room, this floating shelf is an excellent excuse to get in your shop and build something in an afternoon. Build it longer. Build is shorter. Stack it four tall. Whatever your needs this shelf will deliver!
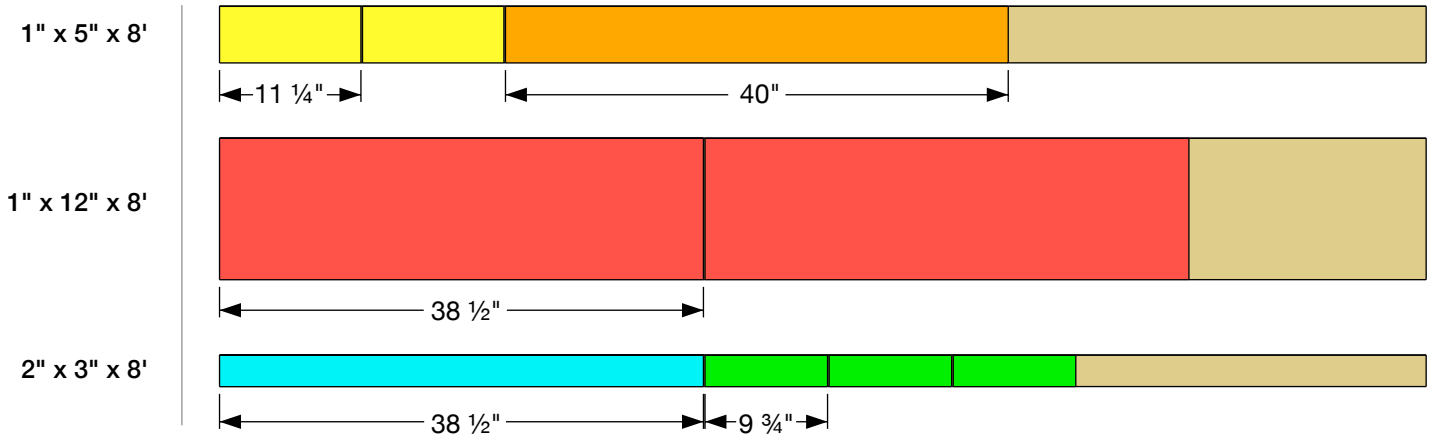
40"

12"

FRONT

SIDE

Make sure you read through the instructions carefully and take notice of any special construction notes prior to making any cuts. And always practice safe DIY'ing. Have fun!

PLEASE NOTE - many pieces may require you to cut them to fit a certain size while you are building it. Its best not to cut pieces until you need them. Take your time and study all the diagrams.
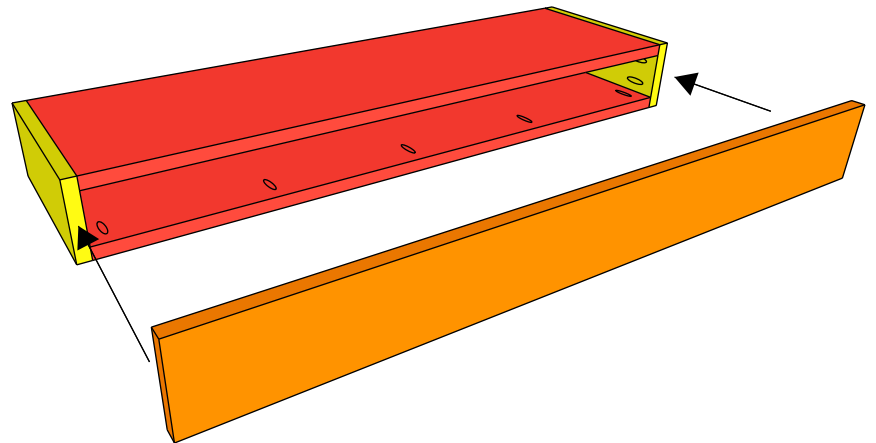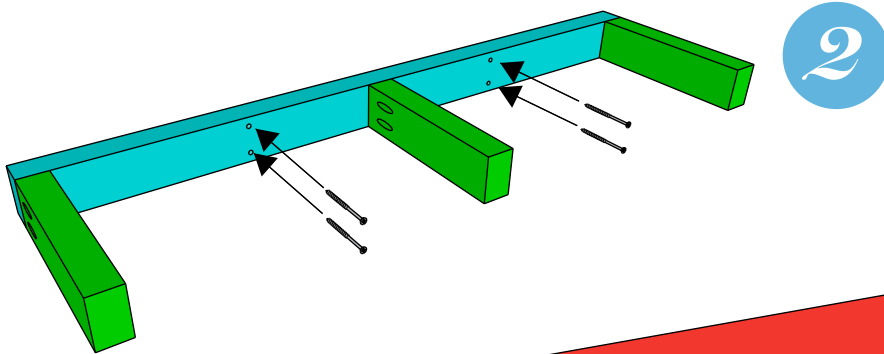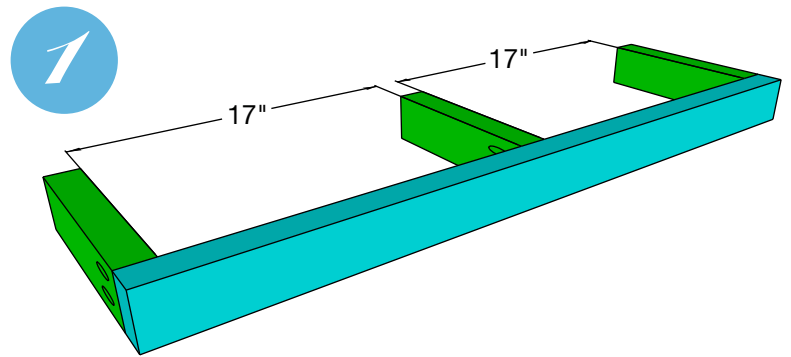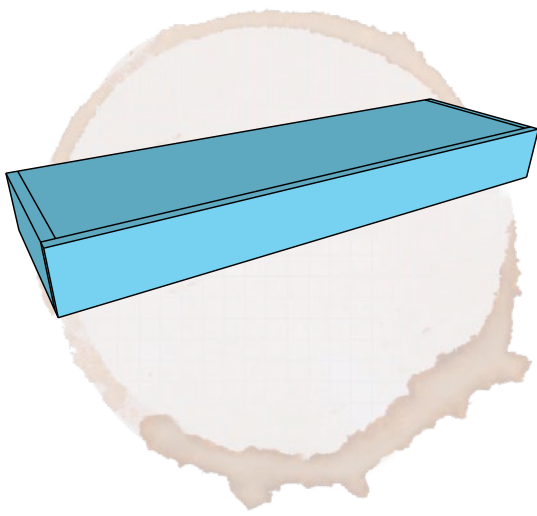
CUT LIST

1" x 5" x 8'

←11 ¼"→   ←————— 40" —————→

1" x 12" x 8'

←————— 38 ½" —————→

2" x 3" x 8'

←————— 38 ½" —————→ ←9 ¾"→

MATERIALS LIST

Material	Qty
2" x 3" x 8' pine board	1
1" x 12" x 8' pine board	1
1" x 5" x 8' pine board	1

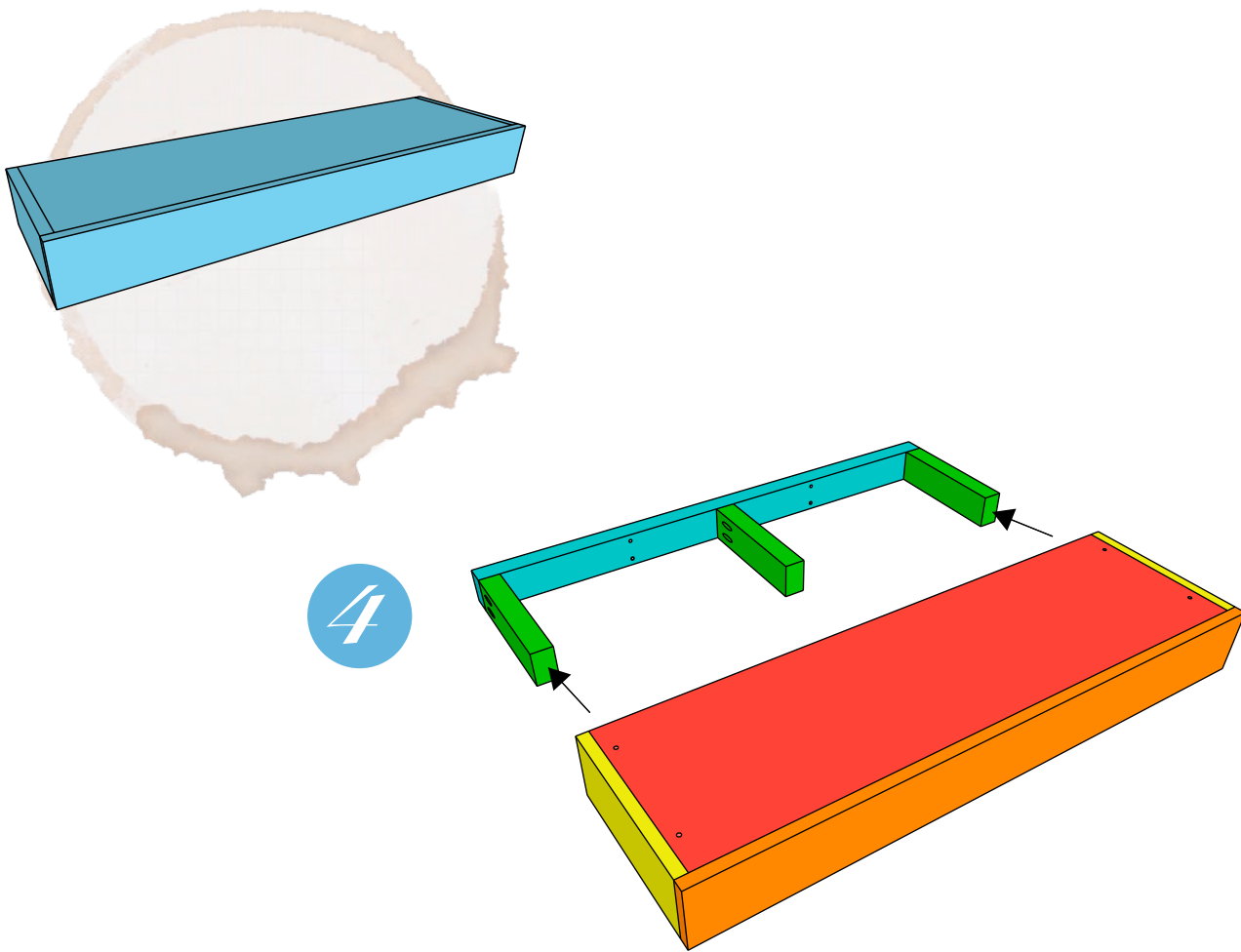| Material	Qty
1-¼" pocket screws	
2-½" brad nails	
1-¼" wood screws	
3-½" spax screws	
wood glue	

NOTES

1.

Begin by constructing your internal frame out of 2x3 boards. Drill 1-½" pocket holes into the ends of the shorter end pieces and attach with wood glue and 2-½" pocket screws. Make sure your end pieces are flush to the outside and the middle piece is centered.

2.

Now, locate the studs in your wall and transfer the locations to the longer frame piece. Drill pilot holes for the 3-½" spax screws.

Using a level, make sure your frame is level and attach to your wall with 3-½" spax screws.

3.

To construct the shelf box drill ¾" pocket holes into the ends and one side of the 1x12 boards. First attach the end 1x5 pieces with wood glue and 1-¼" pocket screws. Then attach the front 1x5 with wood glue and 1-¼" pocket screws.

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4.

The shelf box should fit over the frame easily. Drill pilot hoes into the top of your shelf box for 1-¼" wood screws so that you can screw the box into the outside shorter 2x3 frame pieces. Don't use wood glue as these shelves can be easily removed at any time.