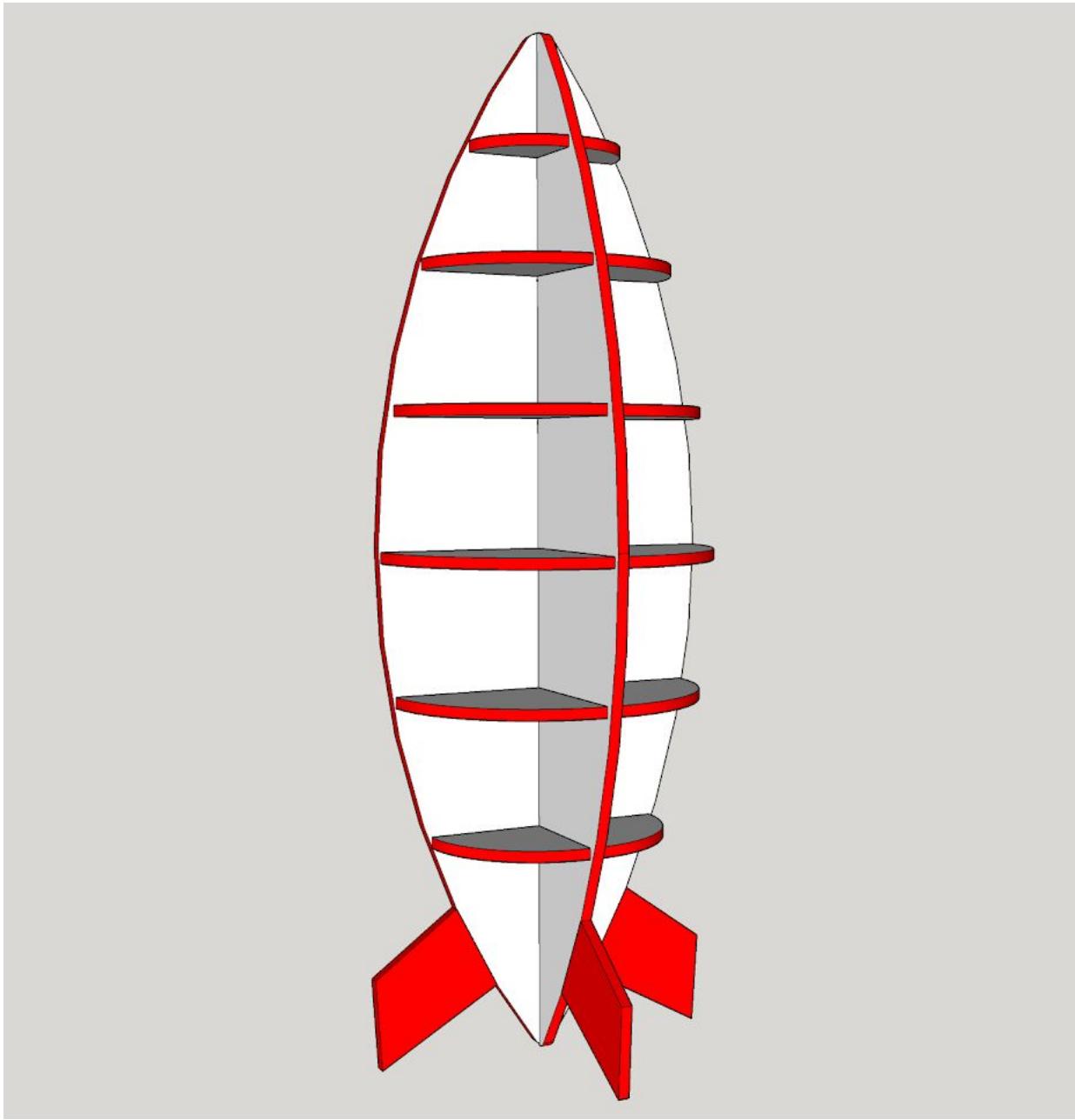


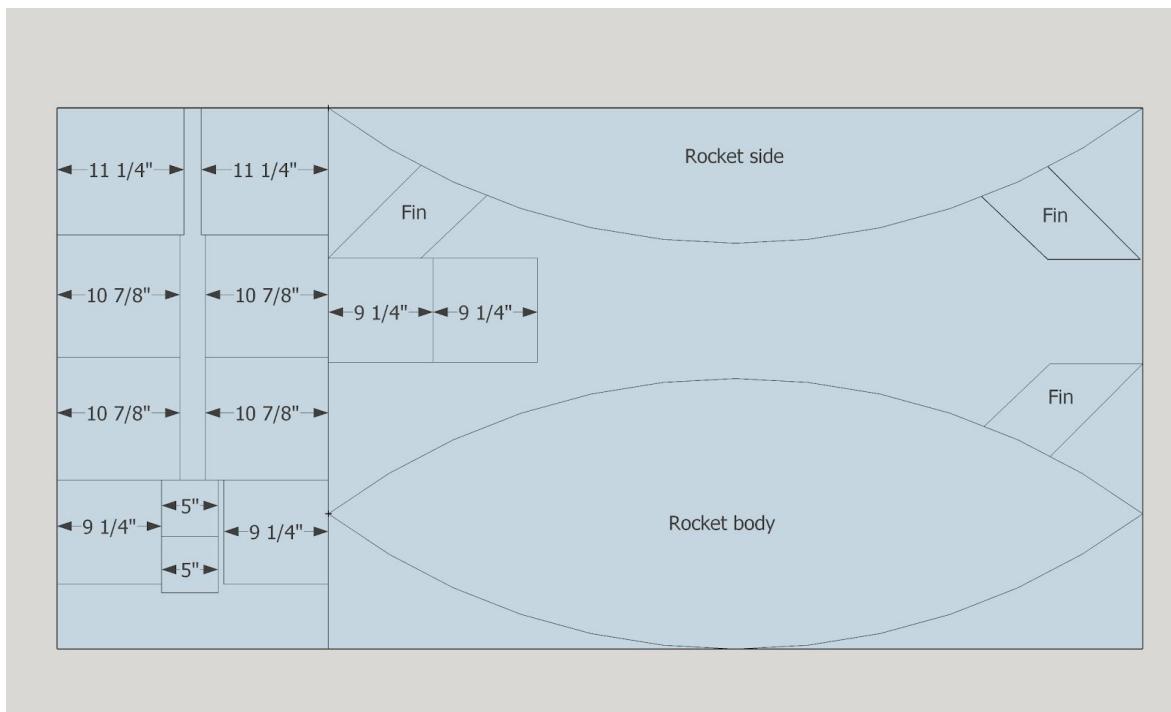
Rocket Bookshelf
Plans by The Handyman's Daughter™
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Materials - [See tutorial for links to sources](#)

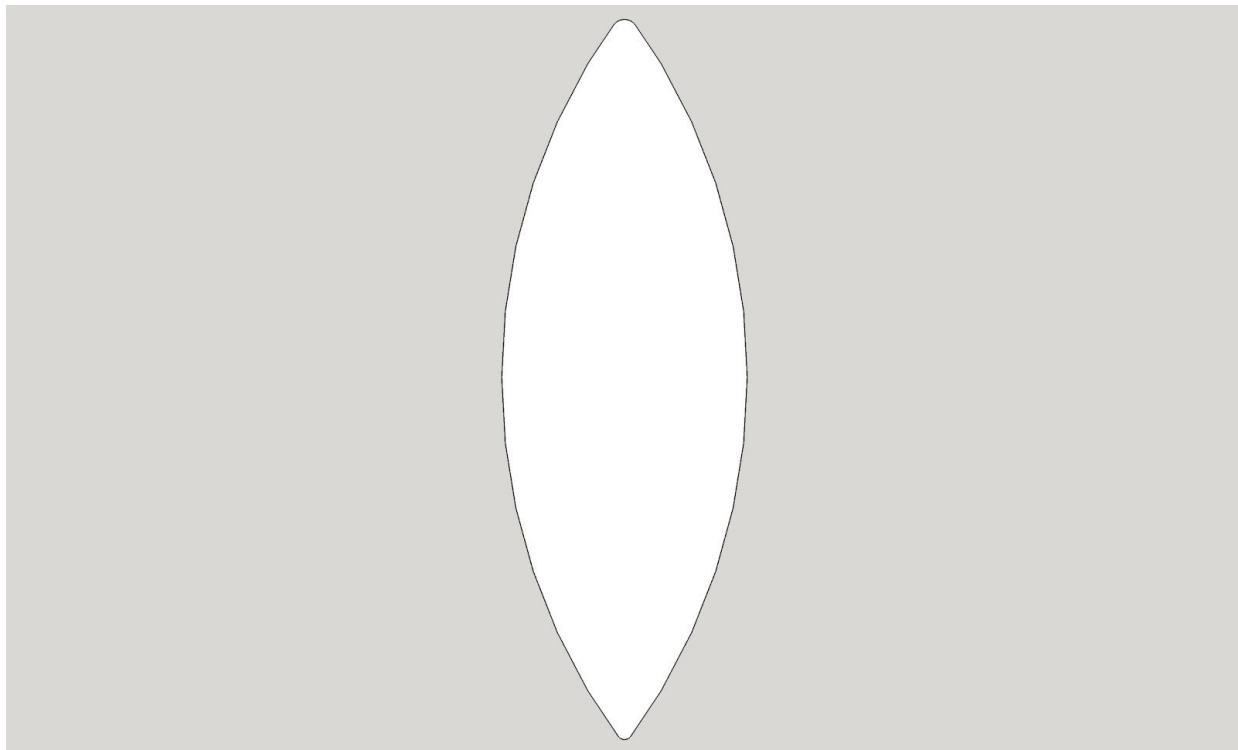
- 4' x 8' sheet of 3/4" plywood
- Kreg Jig
- 1 1/4" pocket hole screws
- 3" screws (for attaching to the wall)
- Beam compass
- Square
- Jigsaw
- Sander and sandpaper
- Painter's tape
- Paint

Cut diagram - all cuts on left side are squares

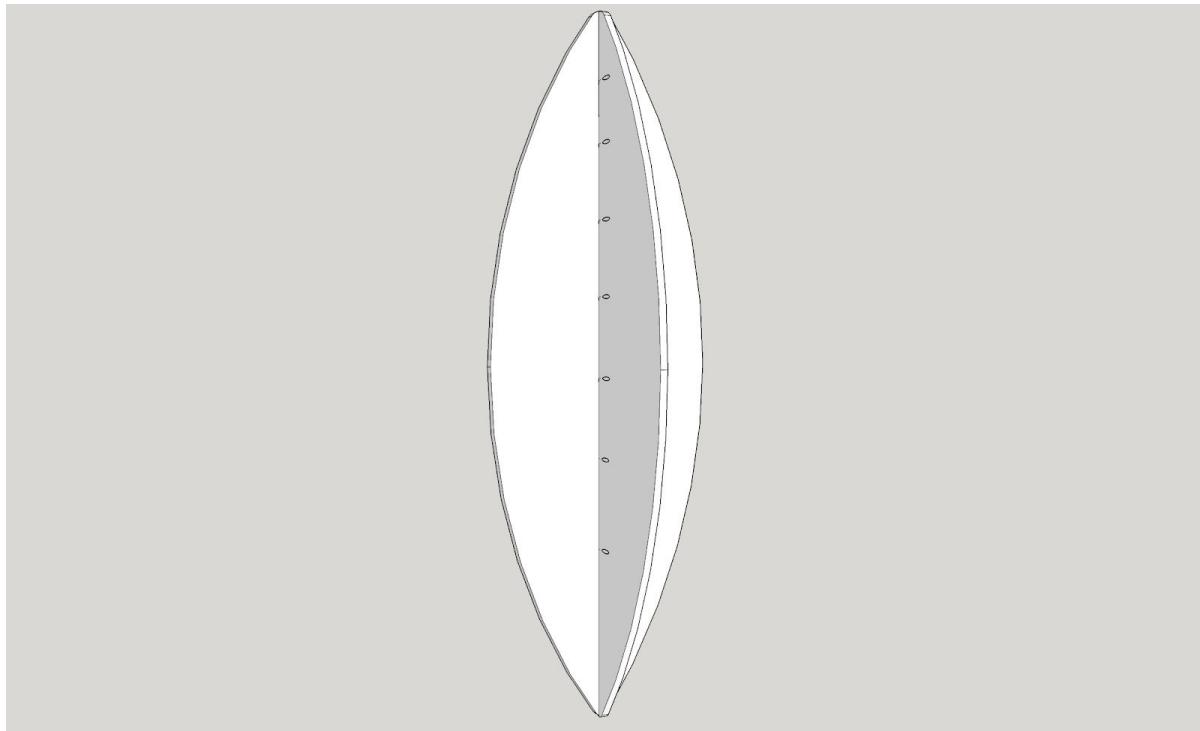


Instructions

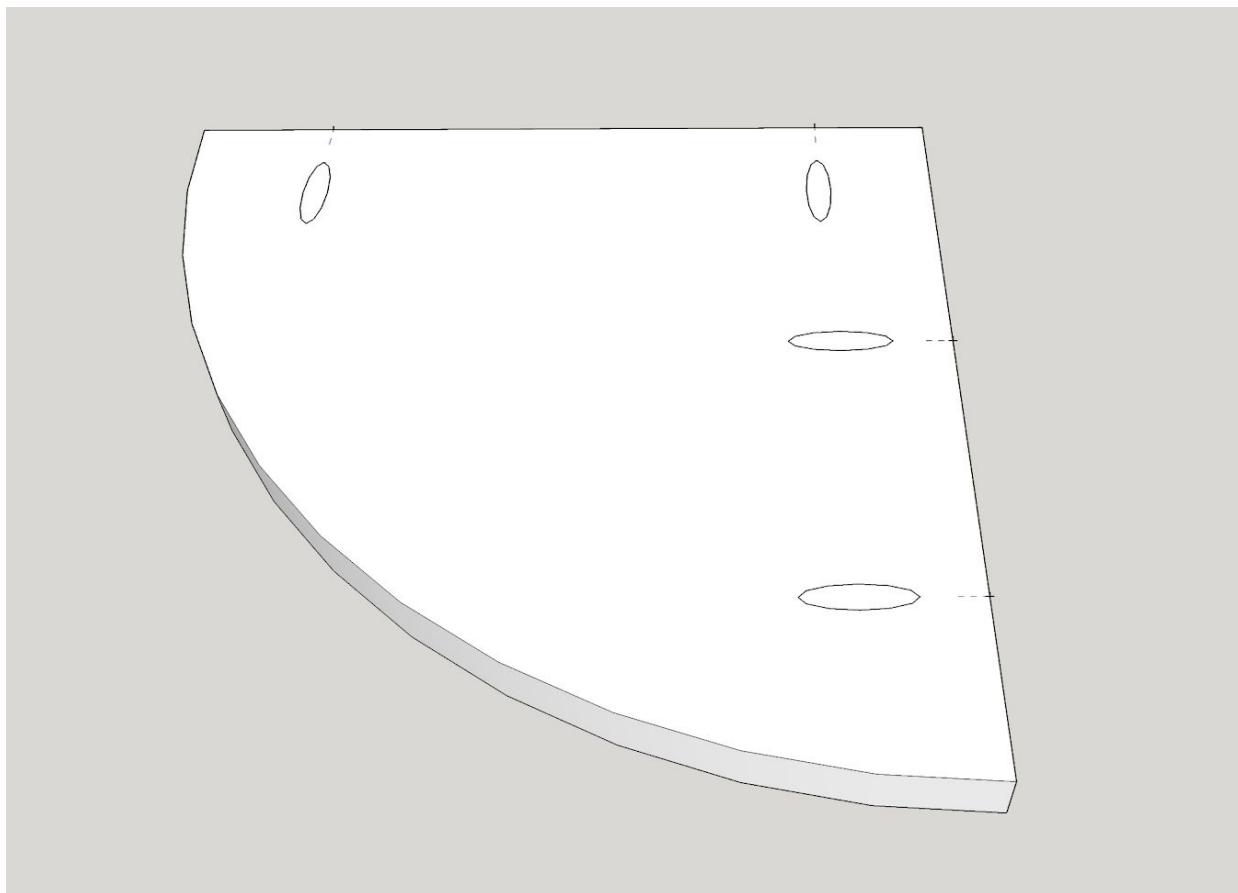
- ❑ Cut off the 2' x 4' section from the end of the plywood sheet and set aside.
- ❑ Create an arc along one of the six foot long sides. It should be 12" wide in the center.
- ❑ Cut out that arc, then trace it and its mirror image to create the rocket body.
- ❑ You could also add the fins and cut them out with the body instead of attaching them later.



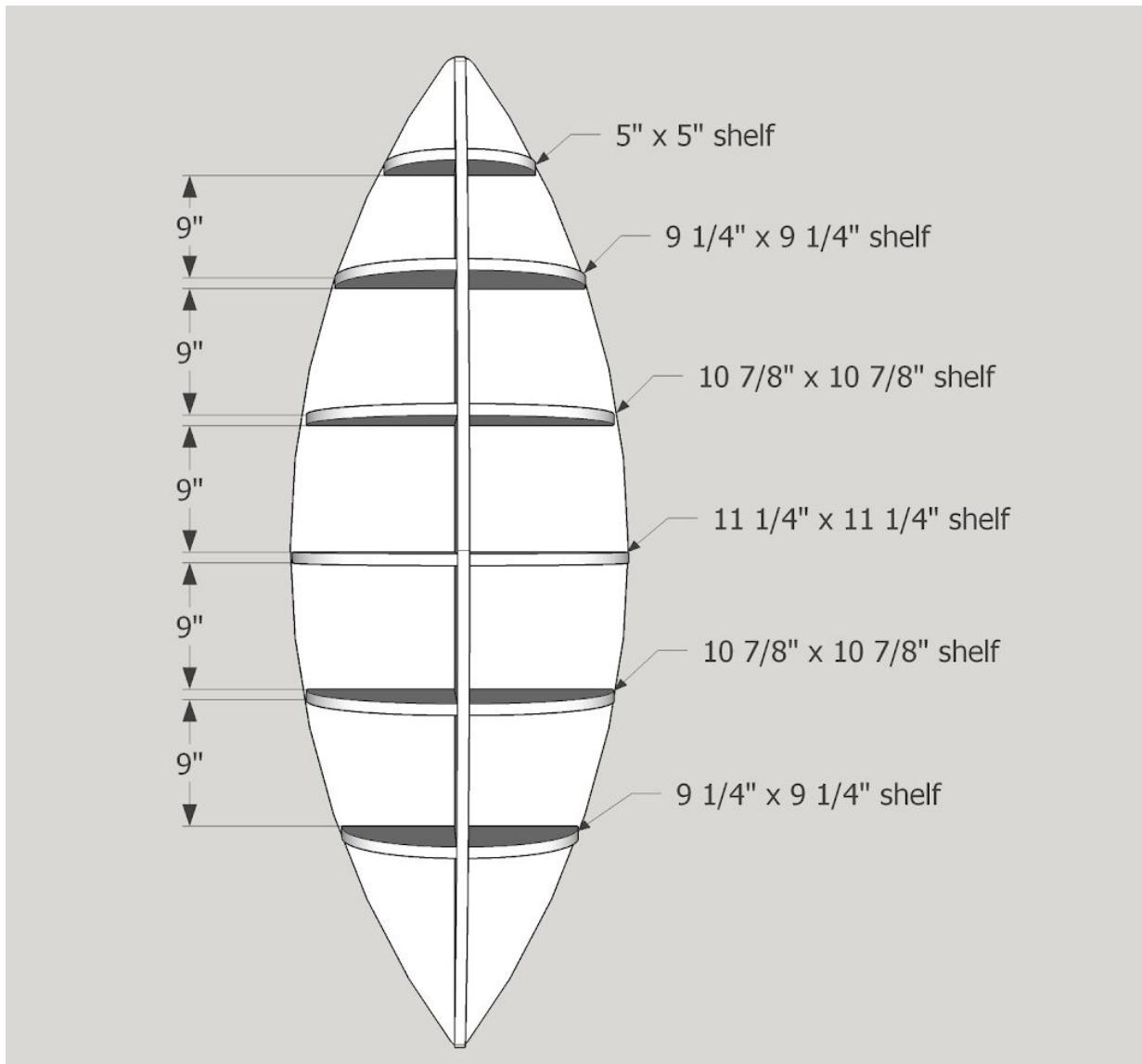
- Attach the rocket side to the body with 1 1/4" pocket hole screws.



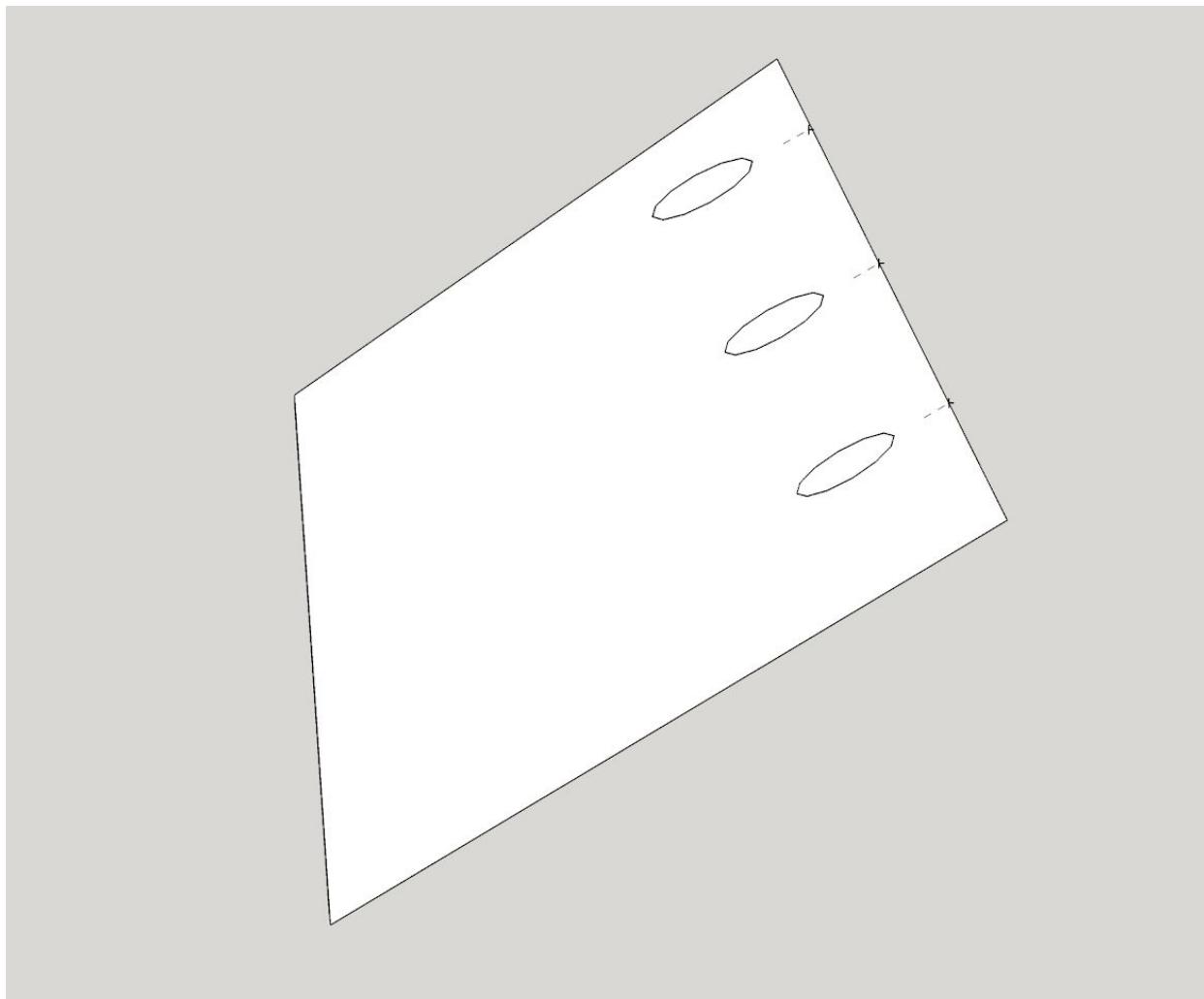
- ❑ Measure the distance from the rocket side to the outer edge at the midpoint.
Mine is $11 \frac{1}{4}$ ".
- ❑ Cut two $11 \frac{1}{4}$ " squares for the center shelves.
- ❑ Use a beam compass to draw a quarter circle and cut out with the jigsaw.
- ❑ Drill pocket holes along the straight edges.



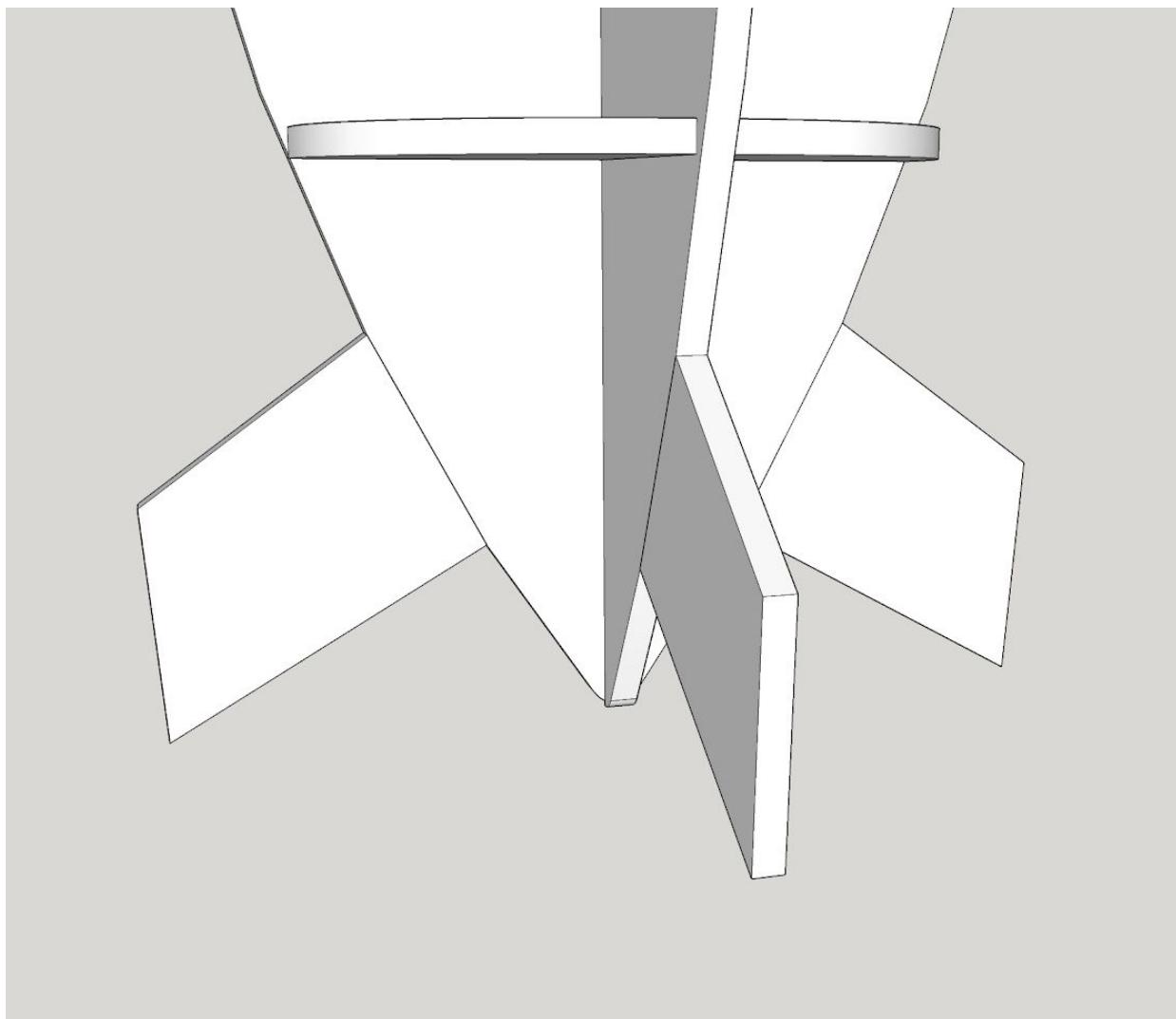
- Repeat this process for the other shelves. I spaced mine 9" apart.
- Attach them on both sides of the rocket body with 1 1/4" pocket hole screws.



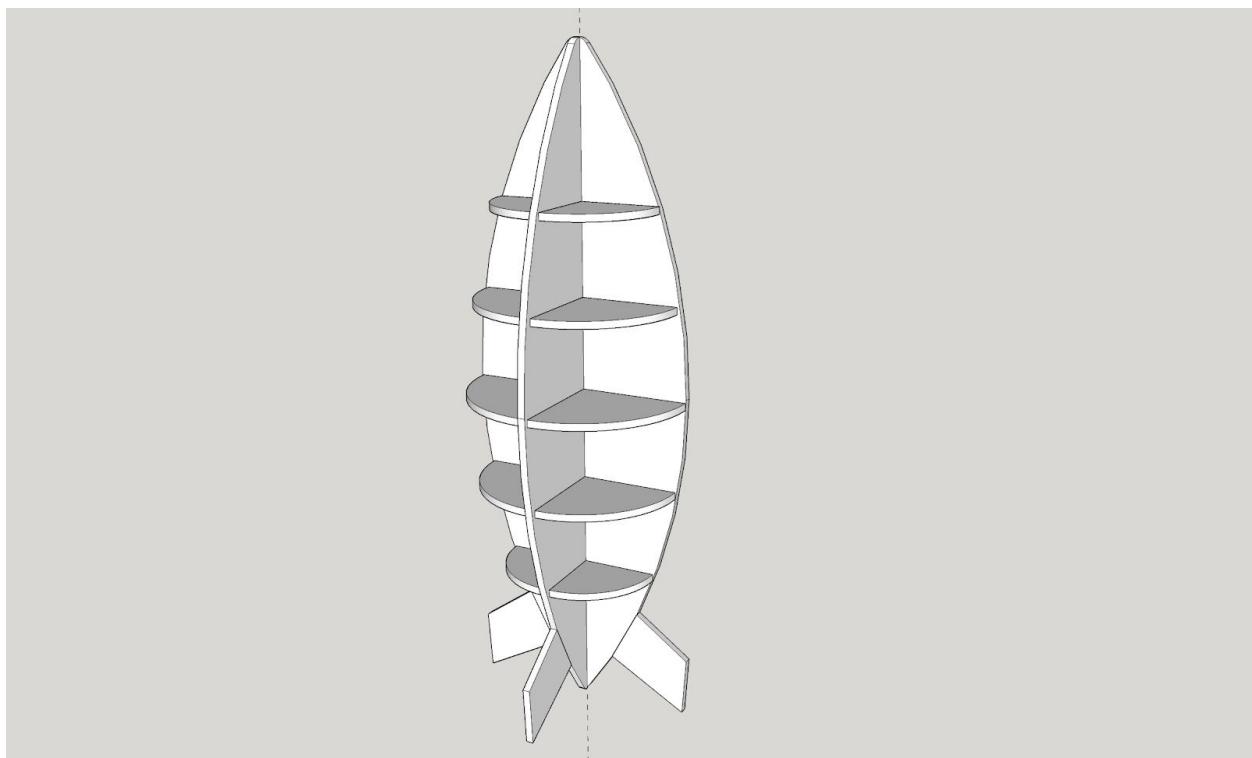
- ❑ Cut out the fins with a jigsaw, using the curve of the rocket body for one of the sides.
- ❑ Drill pocket holes along the side that will attach to the body.



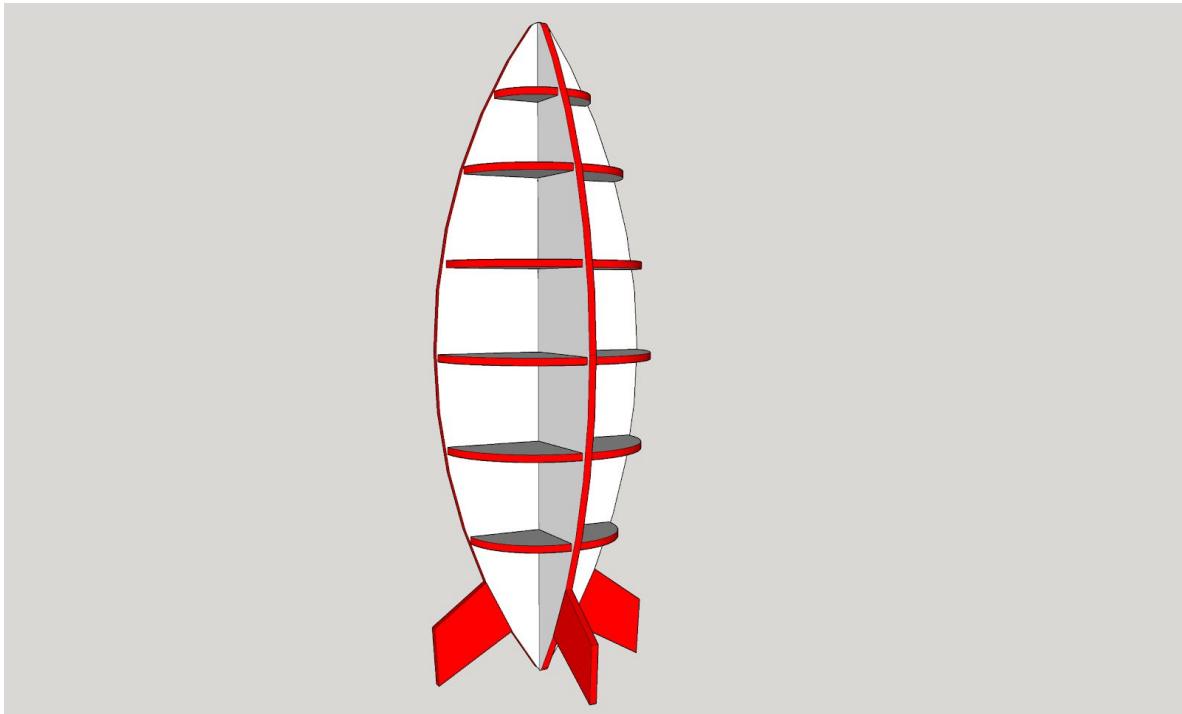
- Attach the fins to the body with 1 1/4" pocket hole screws.



- ❑ Fill in any pocket holes you don't want exposed with wood filler.
- ❑ Caulk all the seams.



I painted the entire rocket white, then taped off the plywood edges and painted them red. But the color scheme is totally up to you!



I recommend attaching the rocket bookshelf to the wall for safety reasons. Use spacers behind the body to clear the baseboards and give the appearance that it's standing on its fins.

Show off your build! Email me at hello@thehandymansdaughter.com, or tag me with a photo on [Instagram](#). I'd love to see it!