



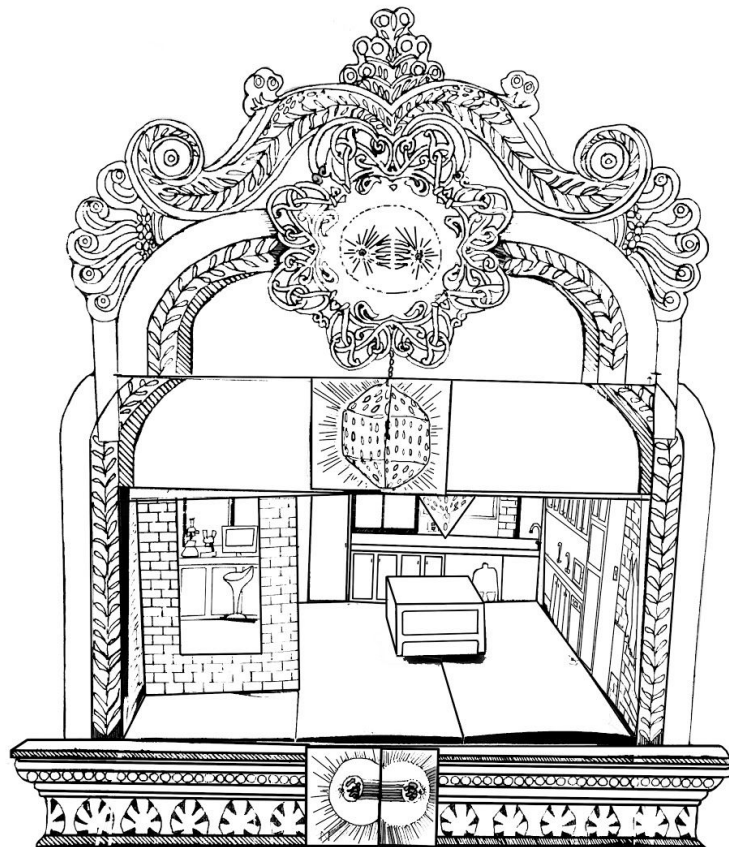
INCUBATOR
art lab

PAPER THEATRE ASSEMBLY INSTRUCTIONS

By Jennifer Willet

And the INCUBATOR Art Lab Team:

Billie McLaughlin, Domenica Mediatl, Ashley Hemmings,
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MATERIALS:

- Cardstock paper 8.5"x11"
- Scissors
- Tape
- Exacto Blade (optional but preferred)
- Cutting board (optional)
- Glue stick (optional)
- Access to a printer

APPROXIMATE TIME REQUIRED FOR ASSEMBLY: 1-2 hours

Print your INCUBATOR Lab Paper Theatre template on 8.5"x11" paper, single sided, 100% scale. Do not pre-cut the template pages, cut them as the instructions describe!

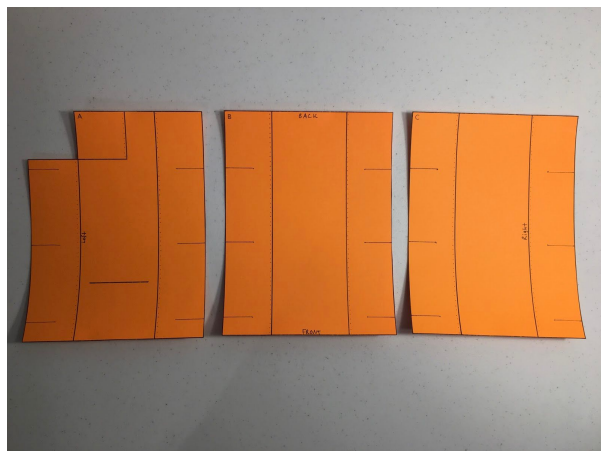
Note:

If you do not have access to cardstock paper, the same effect can be achieved by printing the paper lab on standard printer paper, and gluing the pages onto a deconstructed cereal box. To do this:

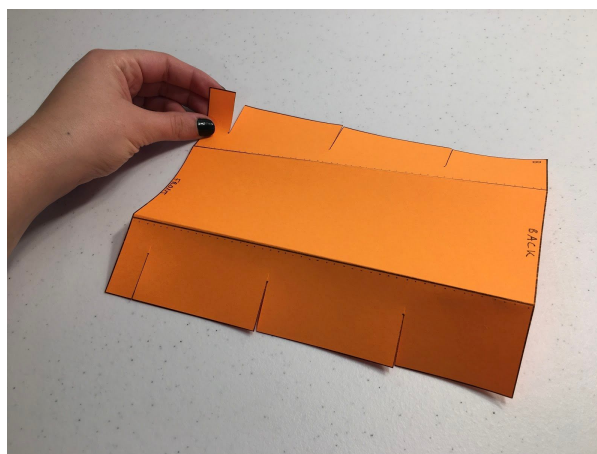
1. Print your Paper Theatre Lab template on standard printer paper.
2. Cut out the template pages as the instructions describe.
3. Deconstruct a cereal box or any other thin cardboard box.
4. Attach the pre-cut template pages on to the cereal box with a glue stick.
5. Cut the cereal box with an Exacto knife following the template.
6. Repeat this for each of the steps in the instructions.

ASSEMBLY INSTRUCTIONS:

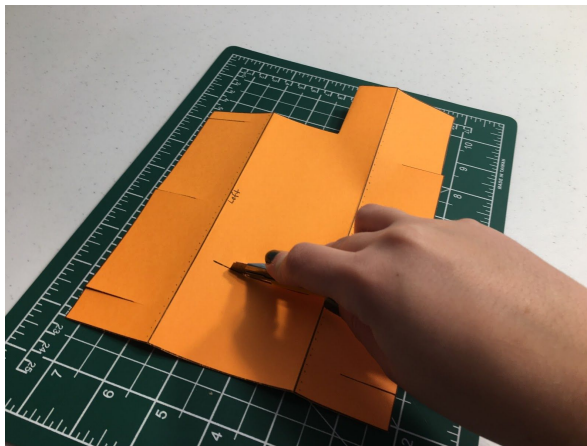
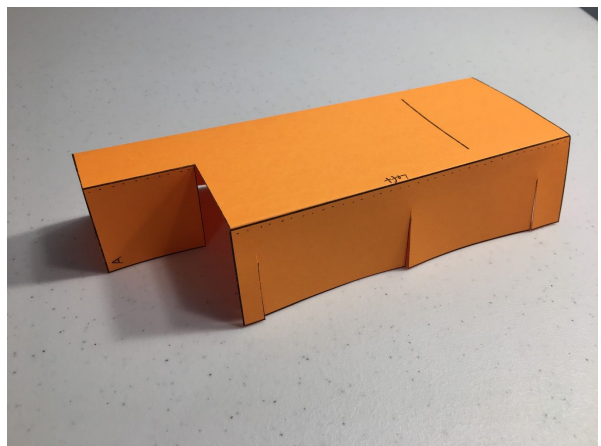
Cut out floor pieces A,B, and C.



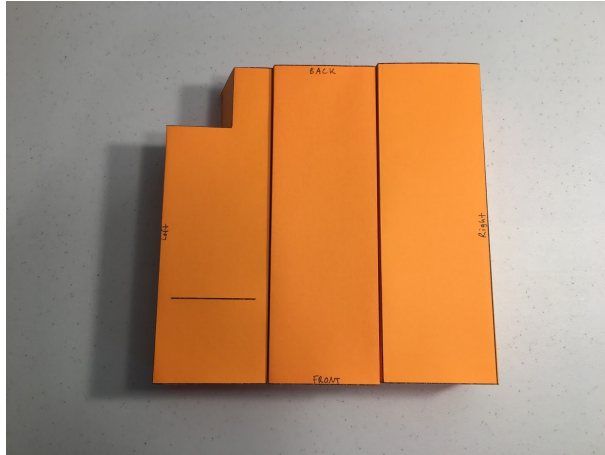
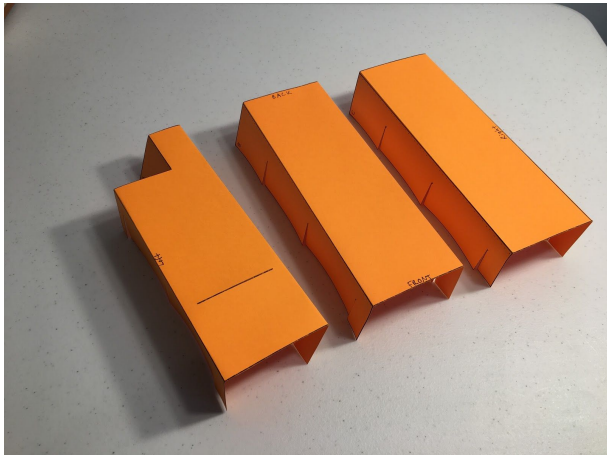
The outside edges fold down on the dotted lines and there are 3cm marked lines that need to be cut on each piece.



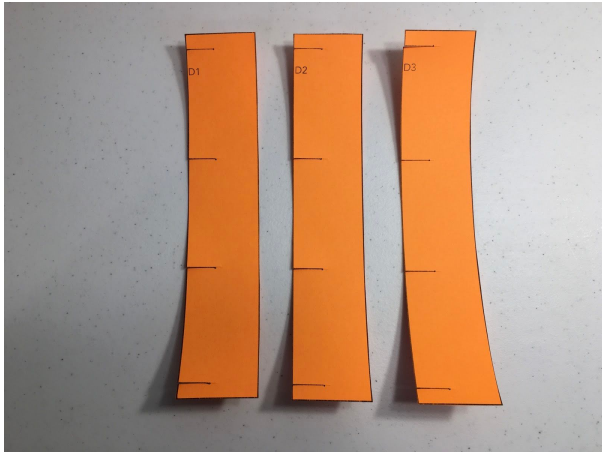
The left floor piece has an extra 5cm cut at the corner that needs to be folded down, and a 6cm cut in the middle of the floor piece.



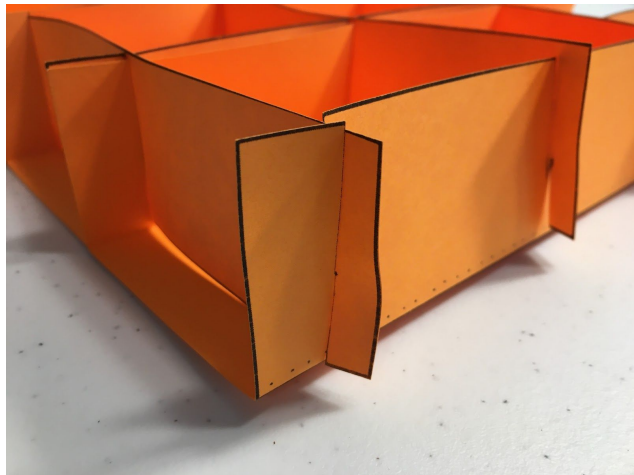
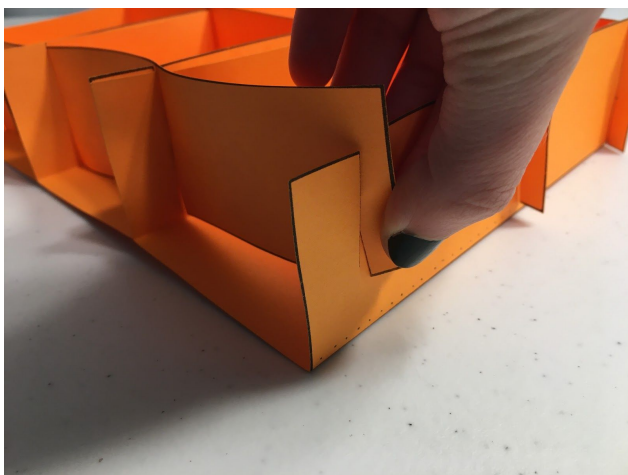
When folded the floor pieces should look like this, arranged in order A,B,C.



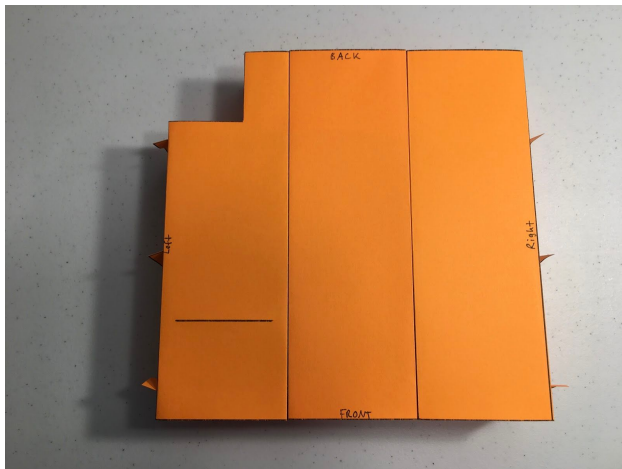
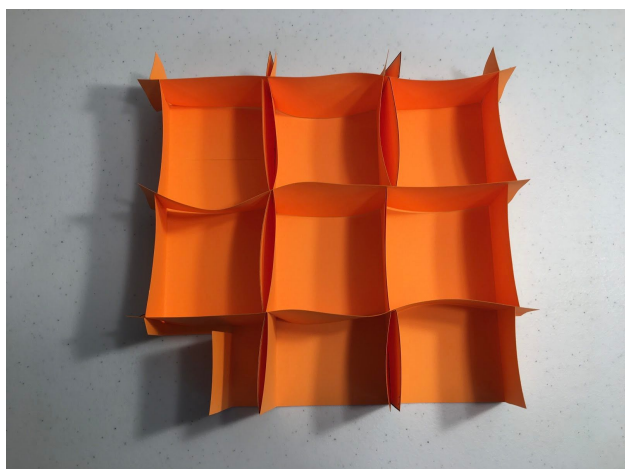
Cut out floor supports D1, D2, and D3. They are 5x26cm strips with (4) 2cm cuts for joining.



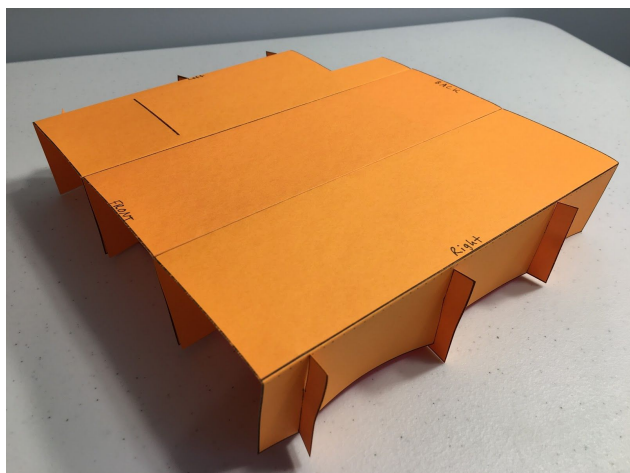
Assemble the floor. It is easiest to turn the floor pieces upside down so the folds face up to the ceiling. Make sure the floor pieces are in the right order (A,B,C). Slide the cuts in the floor support pieces into the cuts in the floor pieces to lock everything together. The floor supports should push down far enough to be flush with the floor pieces, and it should be a tight fit.



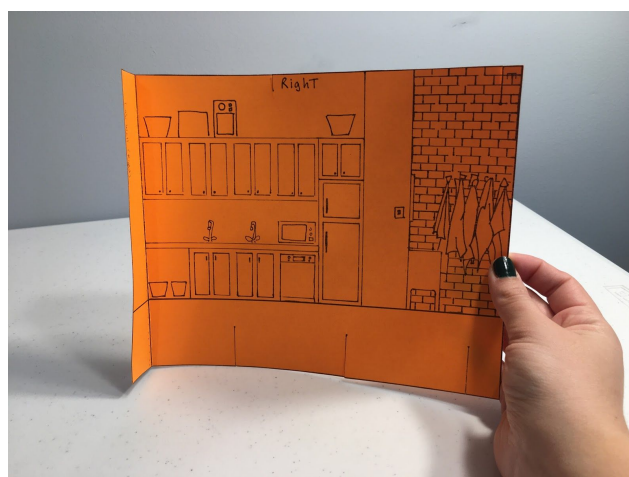
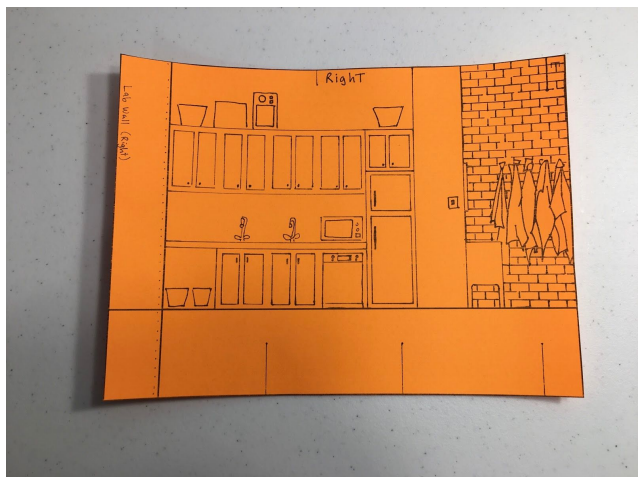
When everything is joined it should look like a grid. This is the underside of your floor, flip it so that the smooth side is up.



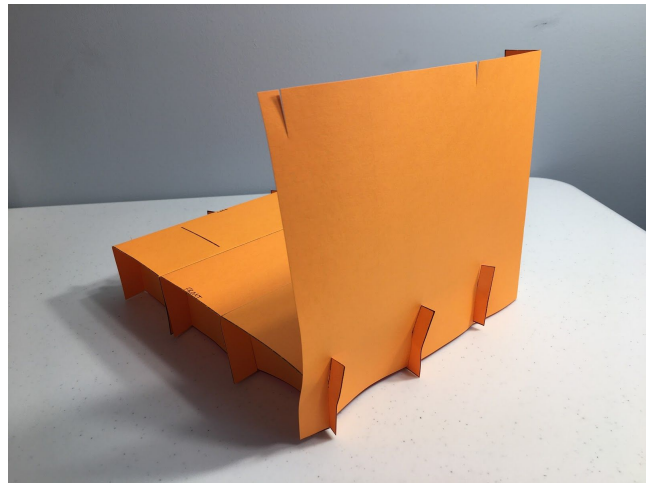
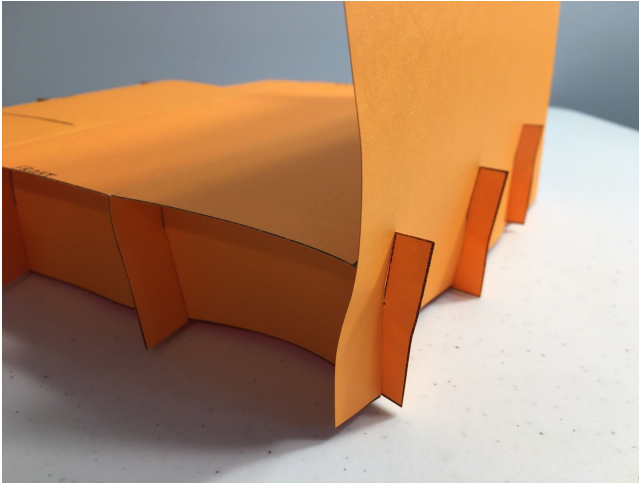
There are (3) 1cm bits of overhang from the floor supports sticking out on the left and right sides of the floor, we will use these later to hold up the walls.



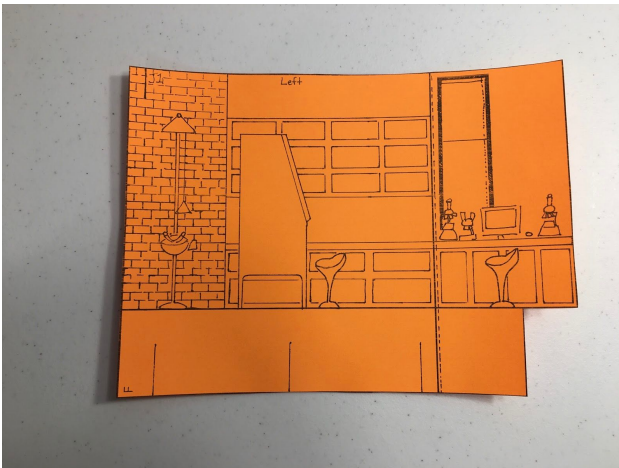
Cut out the right lab wall. There is a fold and joining slices that need to be cut, similar to the previous steps. The corner fold will later help support the back wall.



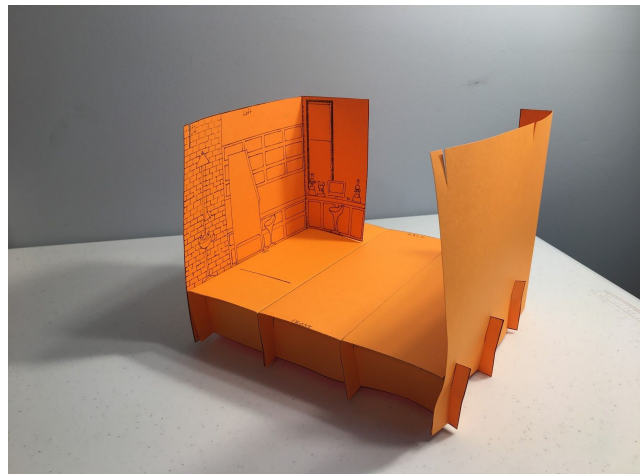
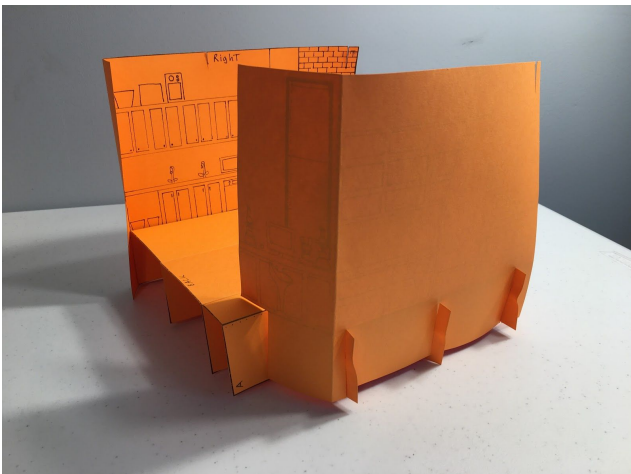
The bottom cuts on this wall will slide onto the overhang from the floor supports on the right side of the lab floor. Push the wall gently so that the bottom is flush with the bottom of the floor.



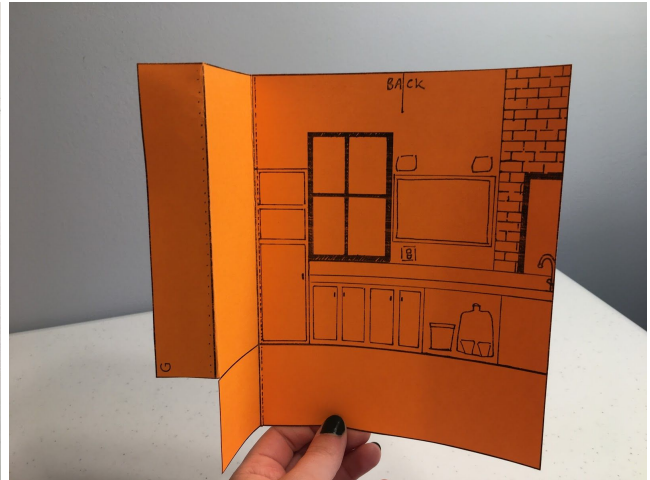
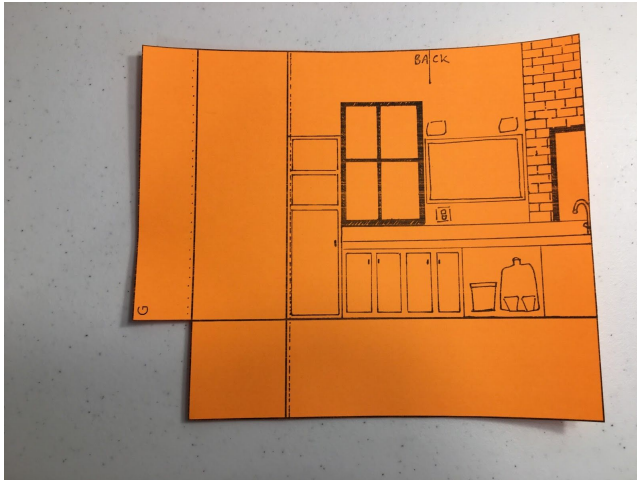
Cut out the left lab wall. There is a forward fold and joining slices that need to be cut, similar to the previous step.



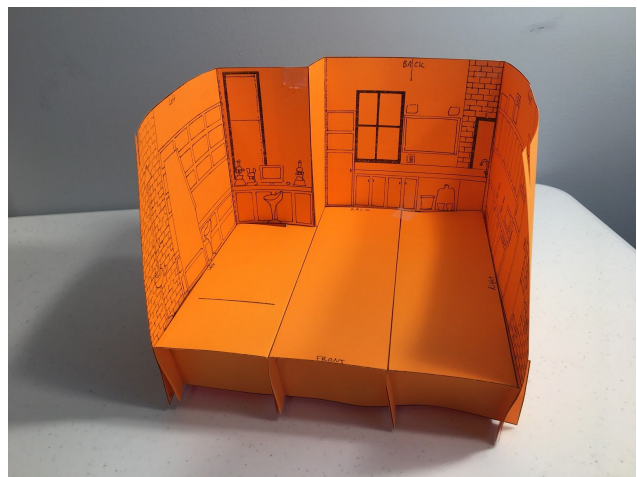
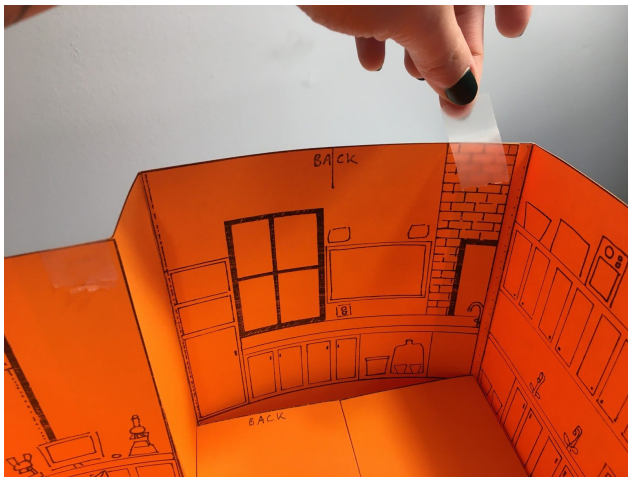
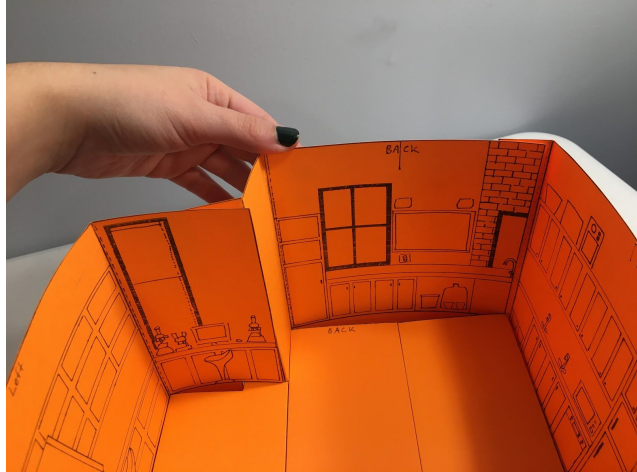
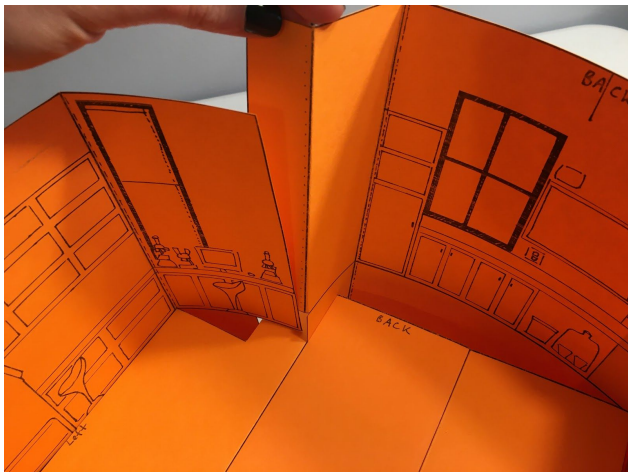
This wall will join to the base the same way as the right wall, by sliding the cuts onto the overhanging floor supports, this time on the left side of the lab.



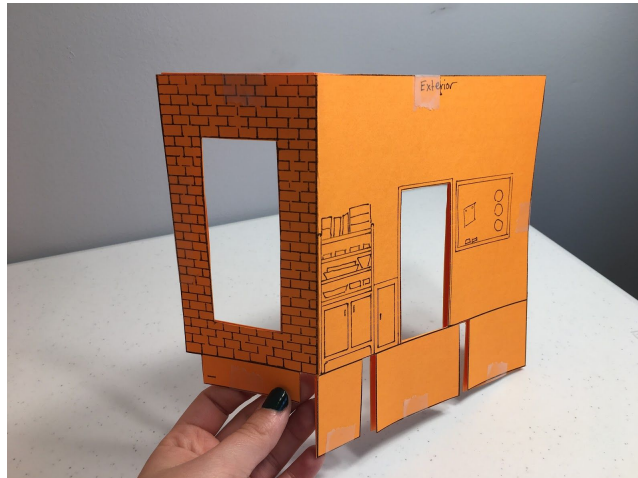
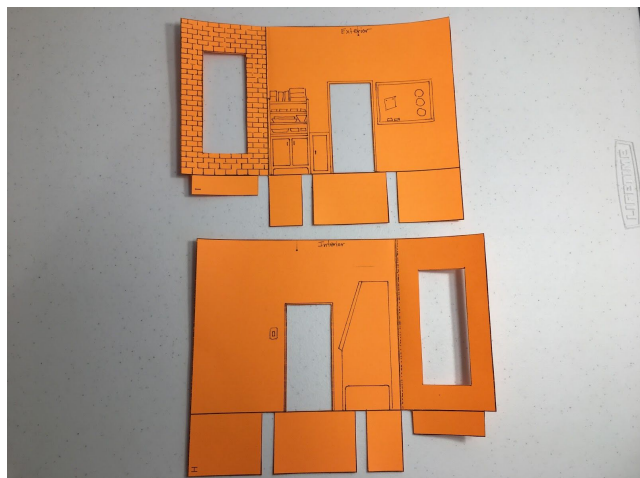
Cut out the back lab wall and fold along the two vertical marked lines.



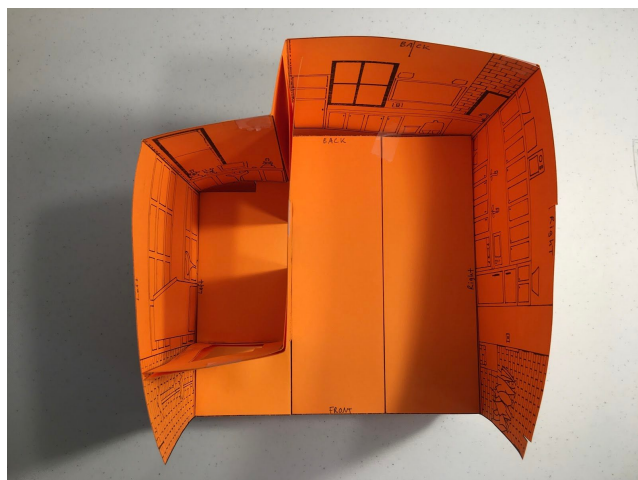
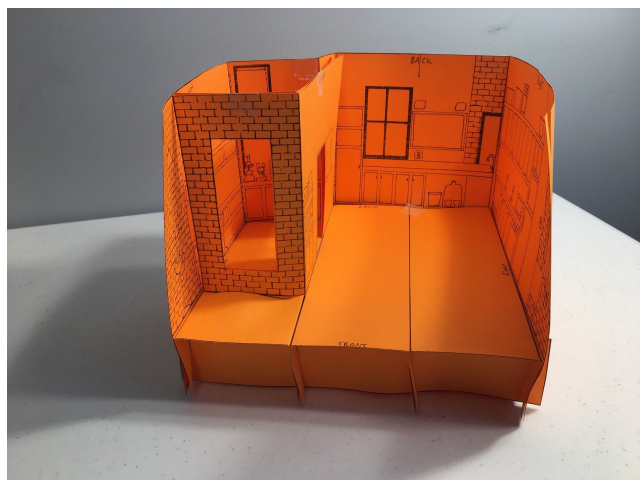
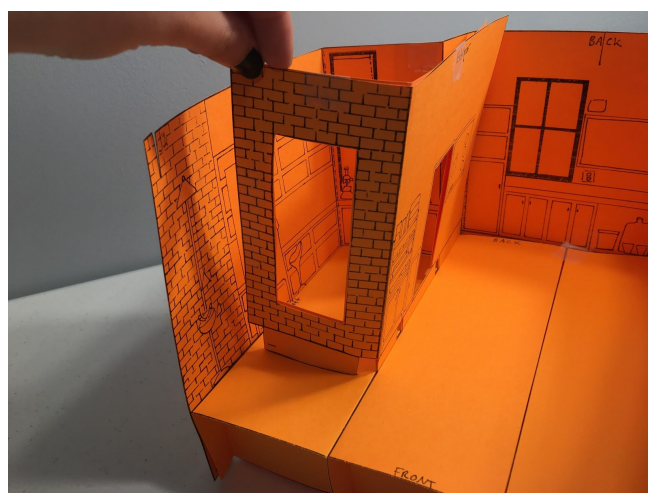
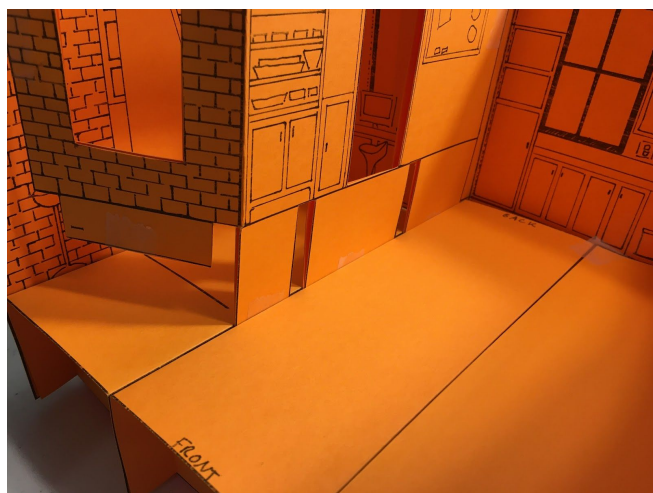
Place the back wall on the back side of the lab, attaching it in place with tape on either end so that it sits behind the left and right walls. If you do not have tape, don't worry this wall will be secured tighter later with the use of ceiling supports.



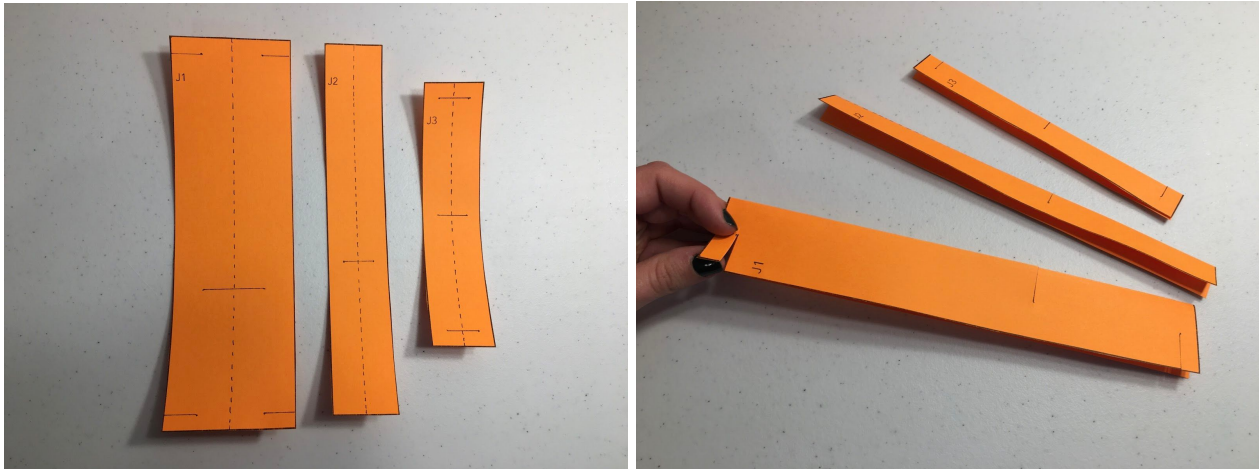
Cut out the interior of small room and exterior of small room pieces. Cut out the door and window cut outs on each piece using an Exacto blade or poking a hole and then cutting with scissors. These pages are the front and back of the same wall, when they are cut out we are going to tape them together with the image sides facing out.



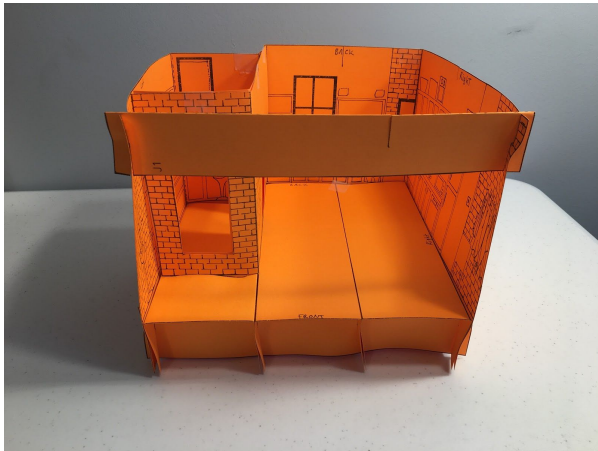
With the two pieces taped together, slide the feet into the seam between the left and middle floor pieces. The short foot at the front of the small room will fit into the 6cm cut in the left floor piece.



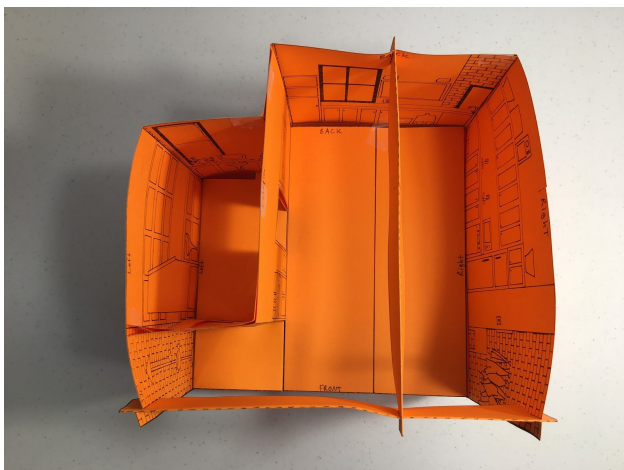
Cut out (3) ceiling supports. They need to be folded along the dotted line, with the cuts being made after the folding.



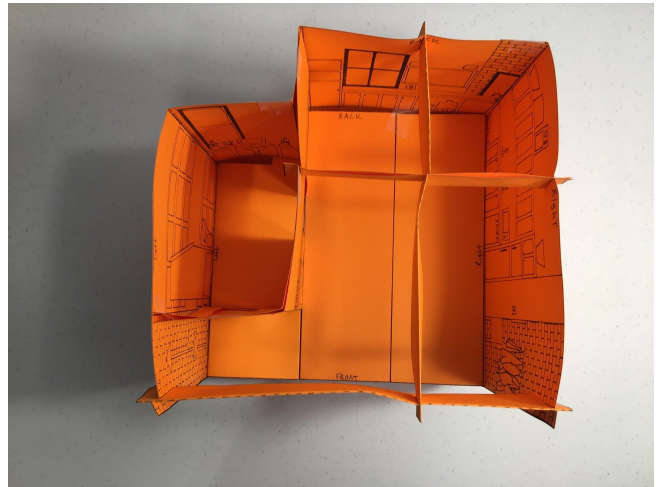
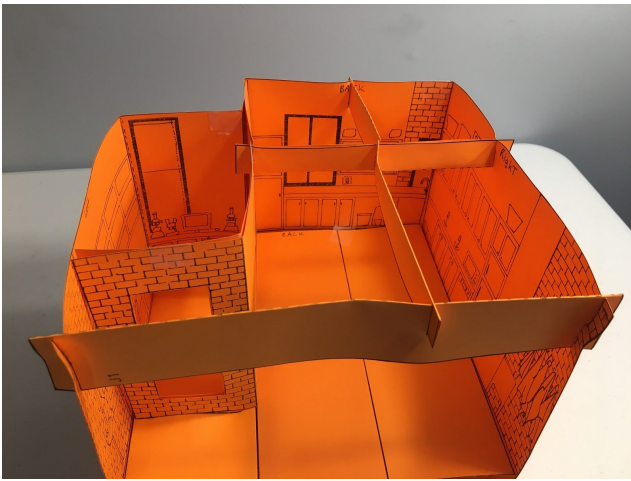
Attach the longest ceiling support first. This piece runs along the front of the lab and will join the left and right walls at the top. Place this piece so the fold faces up.



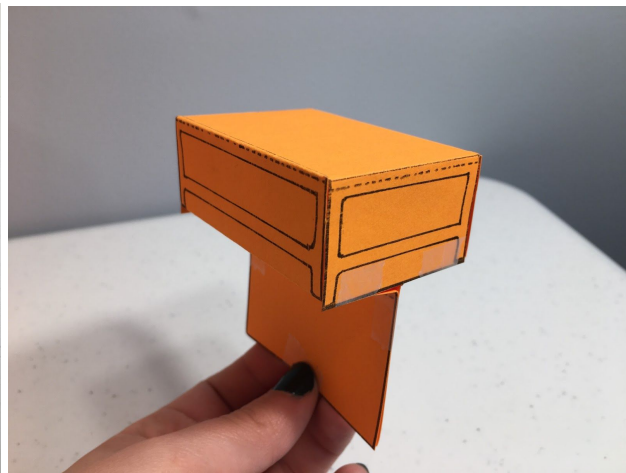
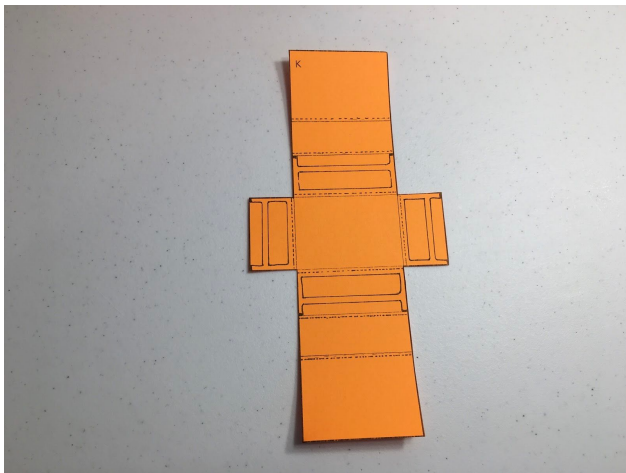
Next, attach the middle sized ceiling support. This piece runs from the front to the back of the lab and will join into the previous ceiling support and the back wall. Place this piece so the fold faces up.



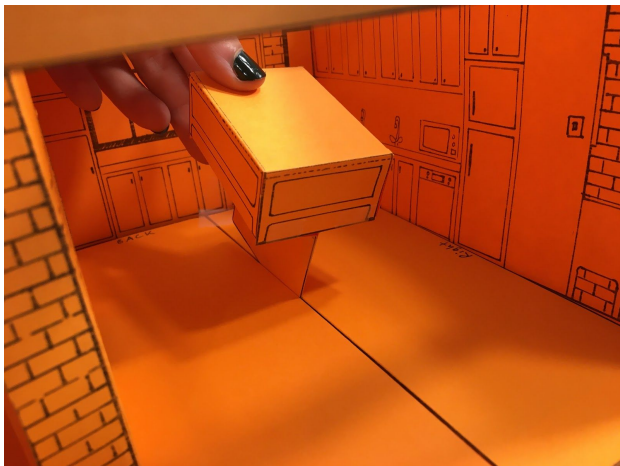
Finally, attach the smallest ceiling support. This will run from the small room on the left, to the right lab wall, and will fit into small cuts in each wall. Place this piece so the fold faces down.



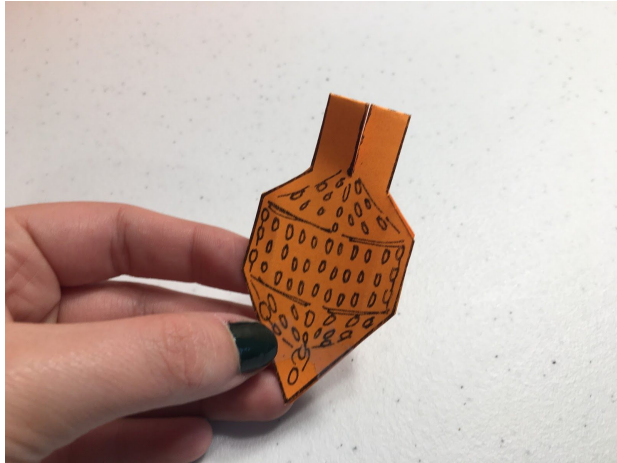
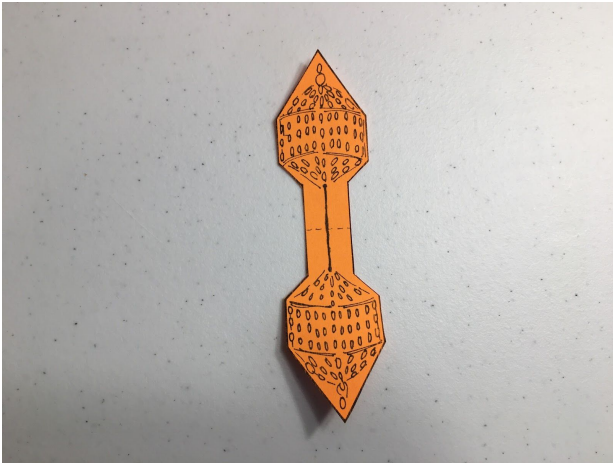
Cut out the table. The table should make a rectangular prism with a 5cm fin sticking out at the bottom.



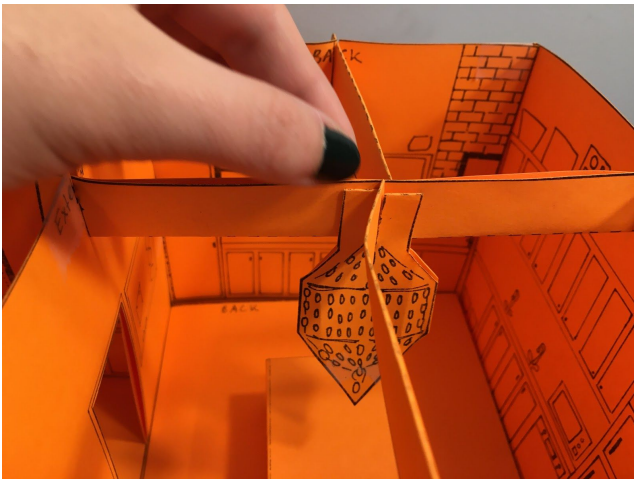
The fin under the table will slide into the seam between the right and middle floor pieces, across from the doorway to the small room. Inserting the table will be easier if you tape it first to hold its shape.



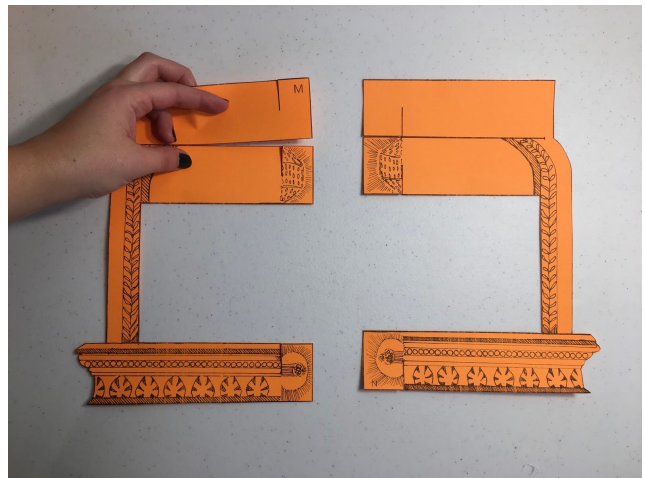
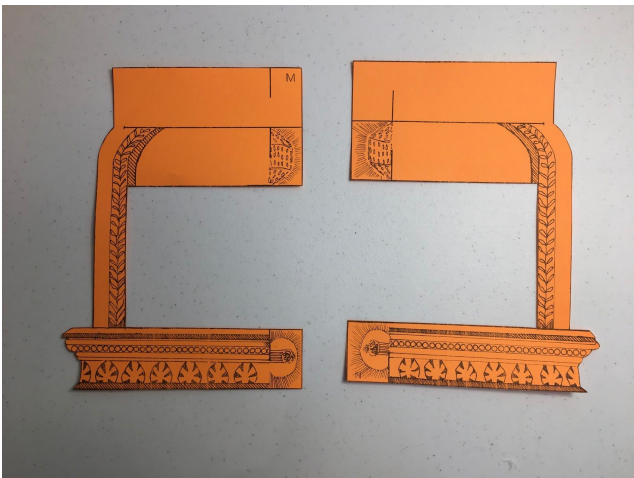
Cut out the chandelier. Fold the piece in half. You can make more folds to give the chandelier a 3D effect, but this is optional.



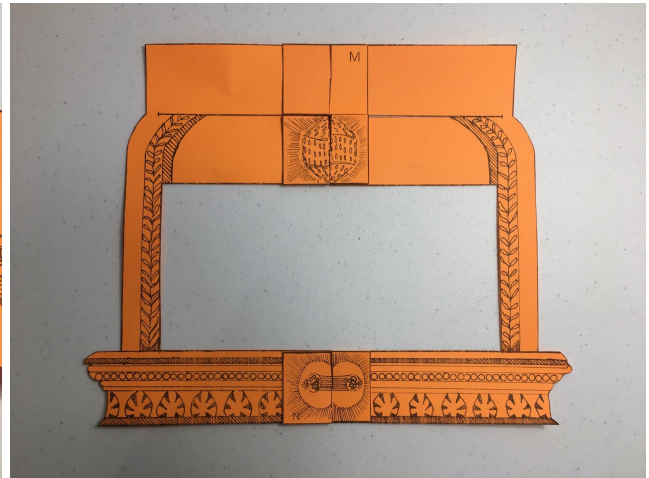
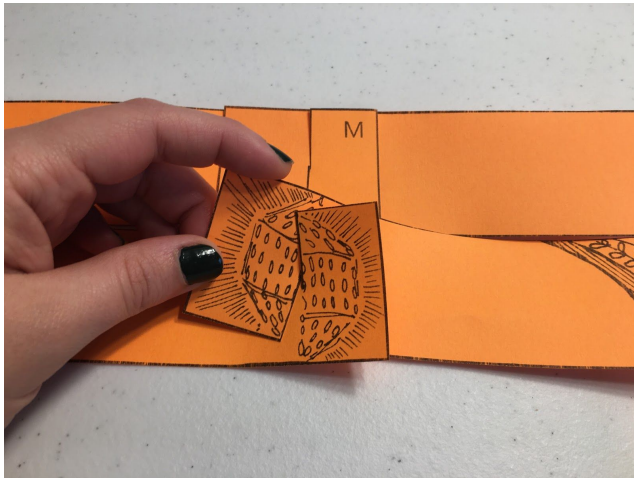
The cut at the top of the chandelier fits into the cross section of the ceiling supports, and should hang directly above the table. Tape can be used to secure it in place.



Cut out the right façade and left façade. Both pieces have one long cut on the top, and three smaller cuts.



The left and right facade join by sliding the top down and bottom up cuts together, in all three places. You can secure this joint with tape on the back.



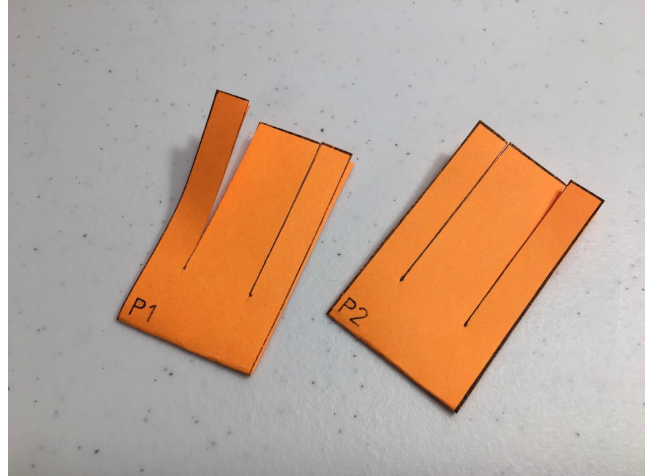
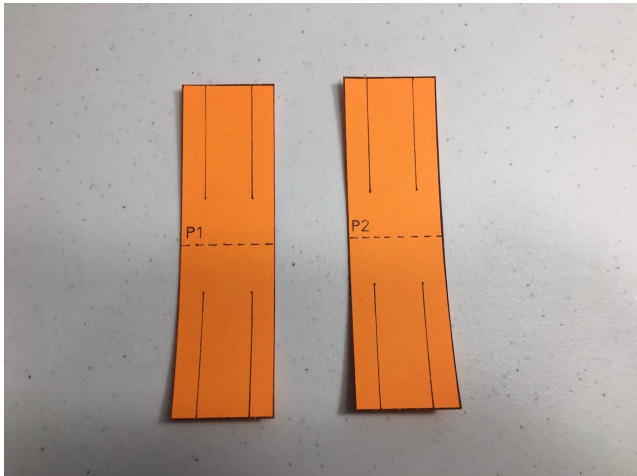
Cut out the top facade, including the two small cuts in the bottom left and right corners, as marked.



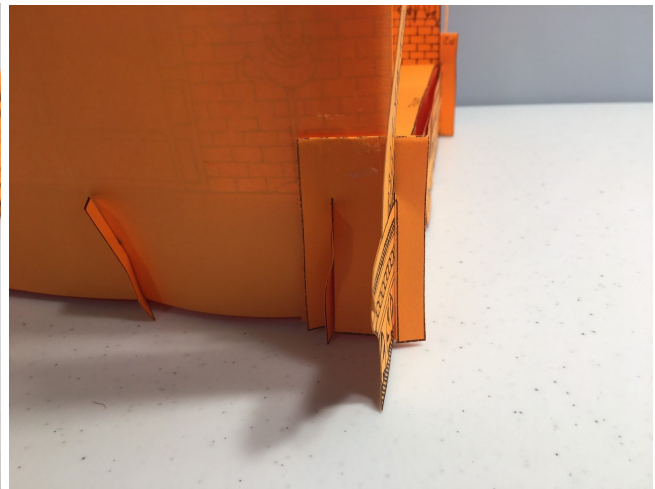
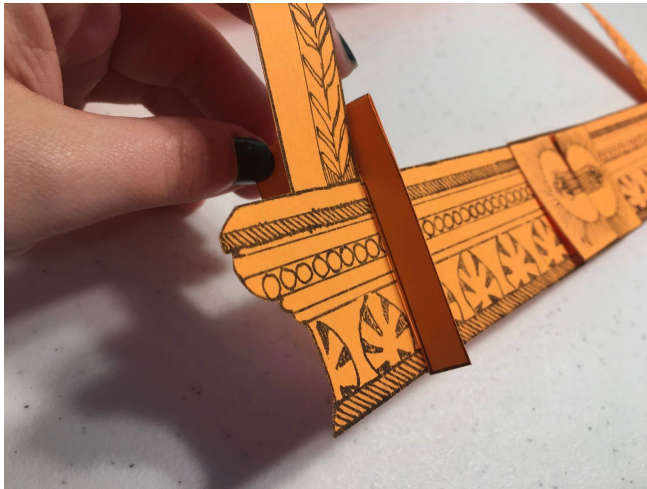
The top façade attaches to the left and right sides by tucking its flat edge into the seam in the façade. The 1cm tabs on each side of the top façade will stick out of the seam to hold it in place. Tape can be used on the back to secure it in place.



Cut out the facade supports. Fold them in half before making the cuts.



The facade supports will attach the facade to the lab at the bottom. First, slide one cut of a facade support into the bottom corner of the facade opening facing down. Then slide the other cut onto the top of the overhanging left from the floor supports. Do the same on both sides of the facade to secure it.



Finally, use some tape on the back of the top facade to secure it to the front-most ceiling support.



Your completed lab should look like this:

