

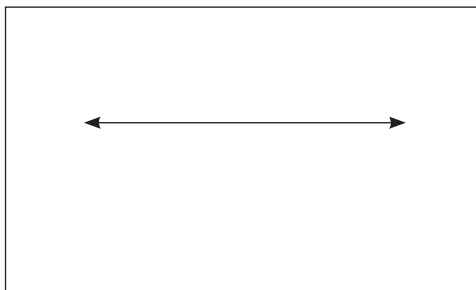
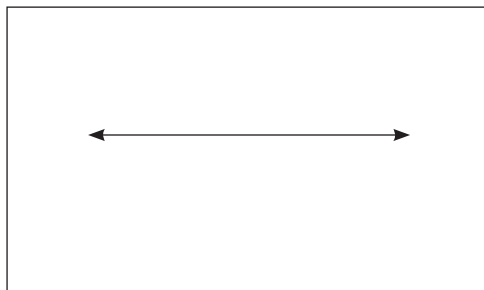
# Hinge-Top Chest Cutting plan

This hinge-top chest is the perfect project for practicing precision building skills. It has only straight cuts and can be made of 1/16" basswood or 4-ply mat board. A pin hinge is made using pieces of a straight pin. The arrows indicate the direction of the wood grain.

For those who prefer to cut using a cutting machine, an svg file is available upon request.

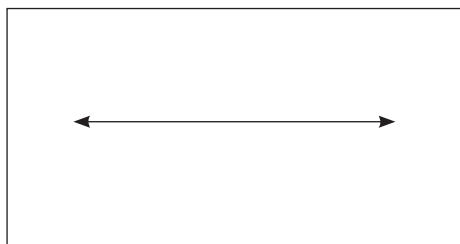


## Top and Bottom 2 1/2 x 1 1/2

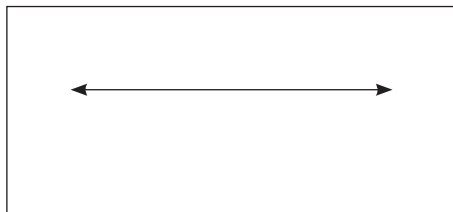


1" square  
for sizing

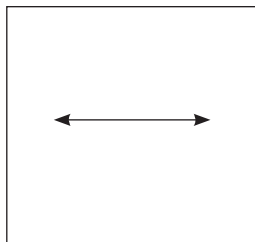
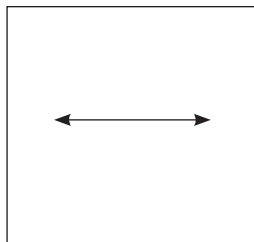
## Front 2 3/8 x 1 1/4



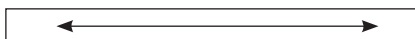
## Back 2 3/8 x 1 3/32



## Sides 1 5/16 x 1 1/4



## Hinge 3/16 x 3/16 x 2 3/16



The hinge is cut from stick wood. If you are using mat board or don't have the correct size of stick wood available, you can cut three pieces from the pattern and layer them.

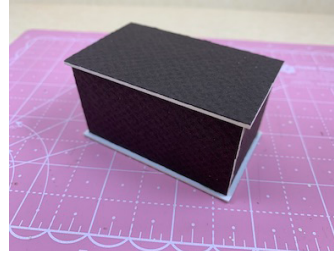
# Assembly Instructions

## Needs

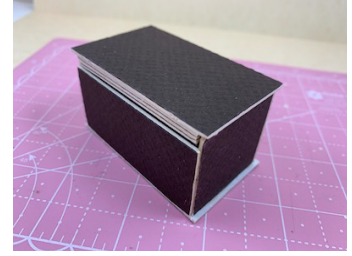
1/16" basswood or 4-ply mat board  
 3/16 square dowel (optional)  
 Mechanical pencil  
 Sharp craft knife  
 Metal ruler and carpenter square  
 Glue, wood or tacky  
 Toothpick for applying glue  
 Gluing jig or Legos  
 Two straight pins  
 Wire cutters  
 Hand drill



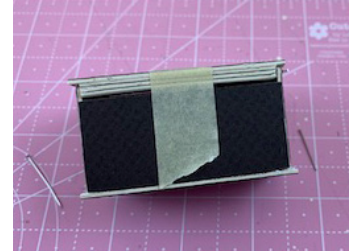
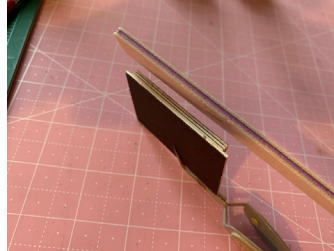
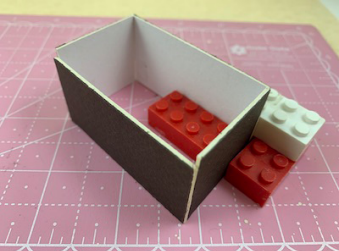
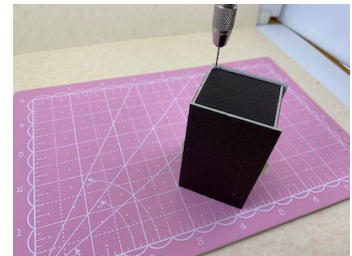
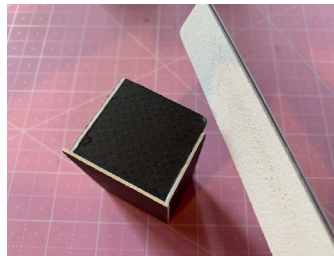
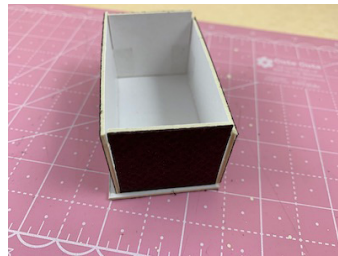
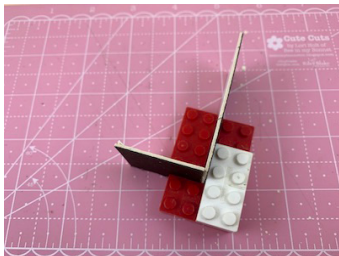
Pieces can be cut from basswood or mat board



Completed chest, front



Completed chest, back



- Cut the pieces from 1/16" basswood or mat board. The arrows indicate the direction of the wood grain. Cut the "hinge" from stick wood or layer with three pieces of your material.
- Form an L with the front piece and a side piece. The front overlaps the end of the side. Glue into place using a gluing jig or Legos to ensure it is square.
- Glue the other side into place.
- Glue the back piece in place against the side pieces, aligning the bottom edges. There will be a gap at the top.
- Glue the newly-formed rectangle onto the bottom piece aligning the back against the edge of the bottom. There will be a 1/16" reveal along the front and sides.
- Center the "hinge" along a long edge of the top and glue in place.
- With a sanding tool, round the corners on the sides
- Also sand the long, outside edge of the hinge strip.
- Drill a small hole on each side corner about 1/32" from the top and the back edge.
- With the top taped in place, drill again, this time going through each end of the hinge.
- Cut two 3/8" lengths of straight pins and push them into the holes.
- Embellish your chest any way you like.