

JORDAN SCHNITZER **MUSEUM OF ART**

Art Teaches

MYRIAD TREASURES

Celebrating the Reinstallation of the
Soreng Gallery of Chinese Art

JORDAN SCHNITZER
MUSEUM OF ART

O | UNIVERSITY OF
OREGON

Building a pagoda

Instructions for students

Materials:

- Piece of cardboard (you can recycle any box you have at home).
- Empty paper towel roll
- 6 sheets of 8,5 in x 11 in paper
- Scissors
- Gluestick
- Ruler
- Materials for drawing - pencils, crayons, markers, etc.



1. Building a garden and a central pillar of the pagoda.

1.1 You will need a **piece of cardboard** (you can recycle any box you have at home) of the size **8 in x 8 in**.

The piece of cardboard will be a garden.

An empty paper roll will be a central pillar. If you do not have an empty paper towel roll you can use cardstock (such as from an empty cereal box) to make a cylinder.

The cylinder needs to be approximately **11 in** long and no more than **2 in** in diameter.

1.2 Put the empty paper towel roll in the middle of the cardboard. Trace the edge of the roll onto the cardboard.

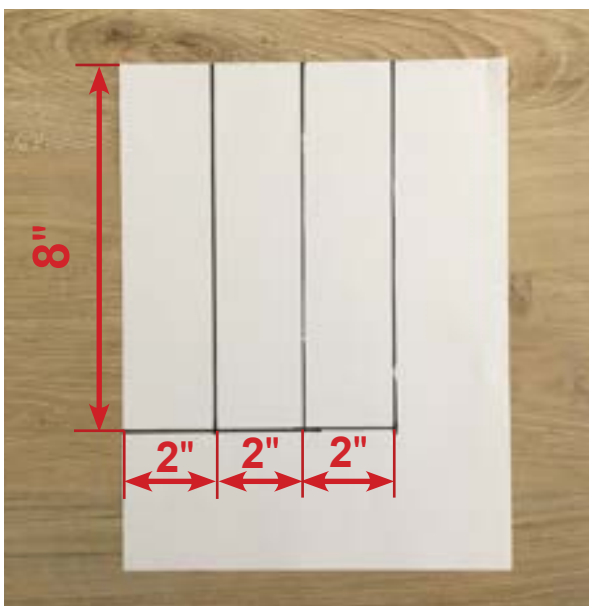




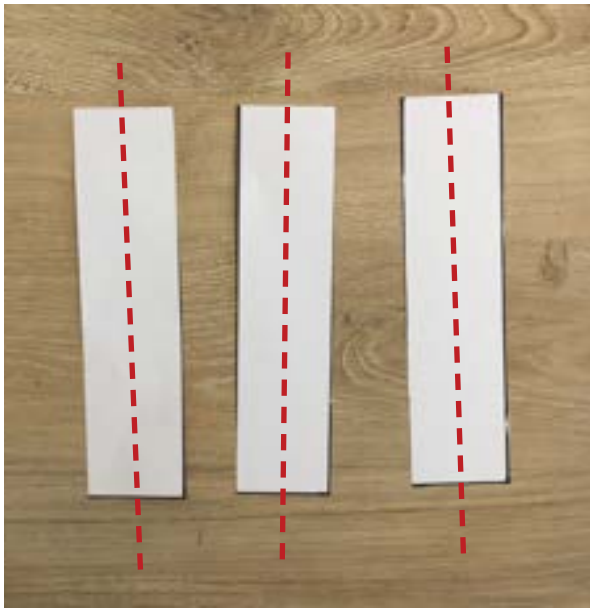
1.3 After you trace the edge of the roll your cardboard should look similar to the photo on the left.



1.4 Cut out the circle.



1.5 Take a sheet of paper and markup as shown in the photo.



1.6 Cut out three slips of paper. Each slip should be **8 in** long and **2 in** wide.

1.7 Fold each of the slips in half along the red dotted line as shown in the photo.



1.8 After you do the folds you will have similar shapes as shown in the photo.



1.9 The upper part of the slip will be used for writing and the bottom part - for putting the glue.

1.10. Put the words which **describe a good person** along the upper part of each of the three slips.



1.11 Take one of the slips.
Put the glue on the inner side of the bottom part of the slip.



1.12 Attach the slip to the bottom of the cardboard, as shown in the photo.

1.13 Repeat steps **1.11** and **1.12** for the other two slips.

1.14 After you attach all the slips to the cardboard, the pagoda garden is ready.

Check the photos below with the view from the bottom and the view from the top to make sure you are on the right track.



View from the bottom



View from the top



1.15 Insert the paper towel roll into the hole in the cardboard as shown in the photo.

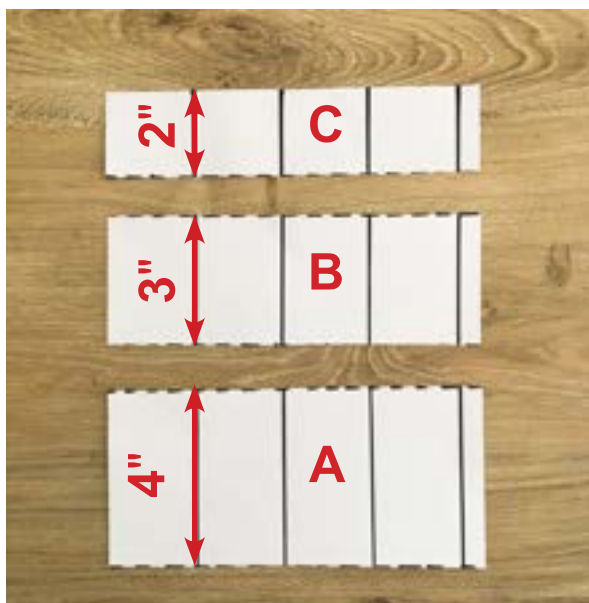
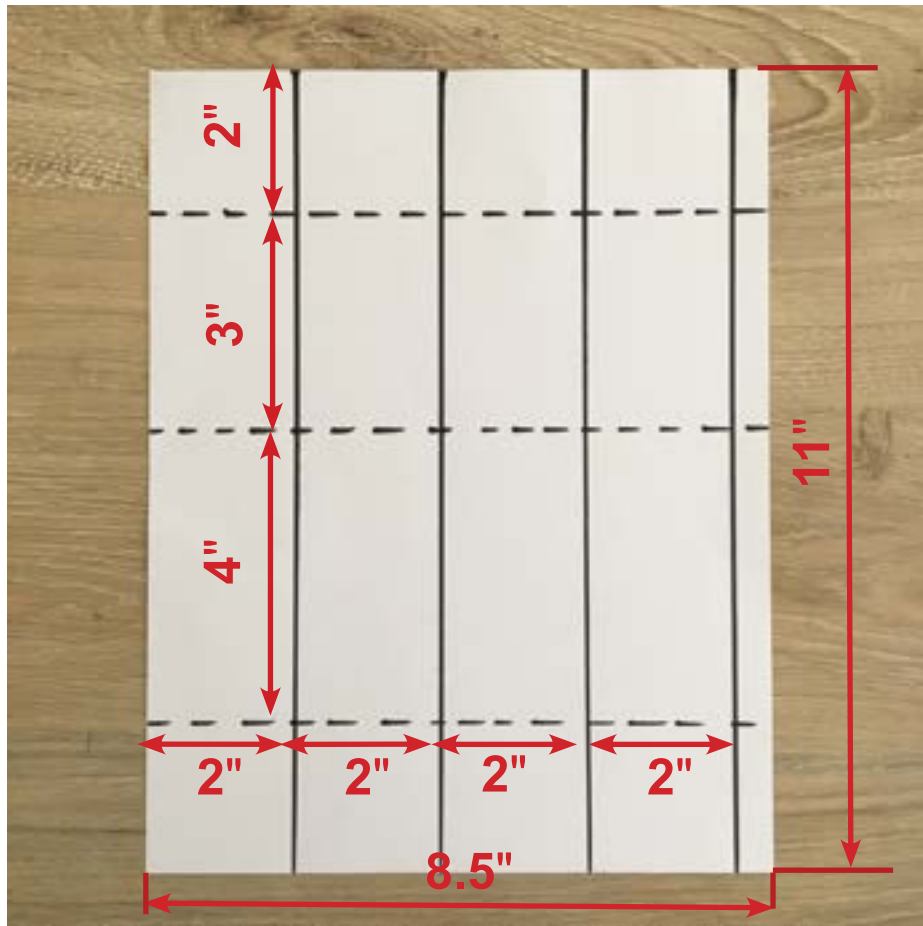
Slide the paper towel roll so you have **2 in** distance between the edge of the roll and the cardboard.



1.16 Your central pillar should look like the one in the photo.

2. Building the three sections of the pagoda

2.1 Take a sheet of paper and do a markup as shown in the photo below.



2.2 Cut along the dotted lines.

You will have 3 sections of the pagoda: A, B, and C.

Section A is **4 in** high.

Section B is **3 in** high.

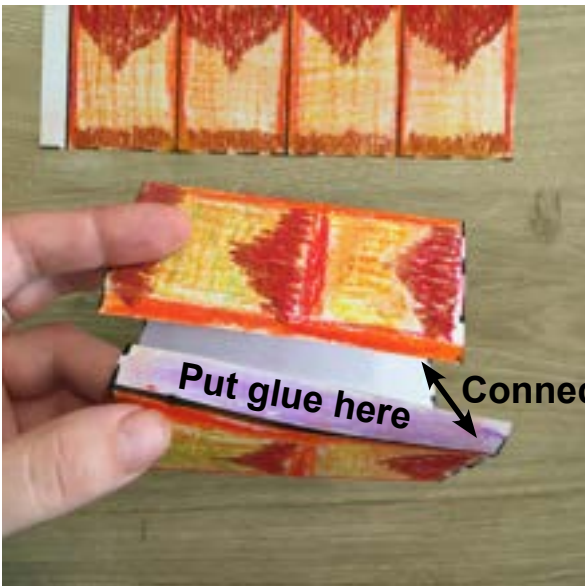
Section C is **2 in** high.



2.3 If you wish you can color and decorate each section.

Note!

Leave the narrowest part of each section uncolored. It is the part where you will put glue.



2.4. Take section A and fold along all solid black lines.

2.5 Put the glue on the most narrow side and connect it with the opposite side. Gently press two sides so the glue works better.

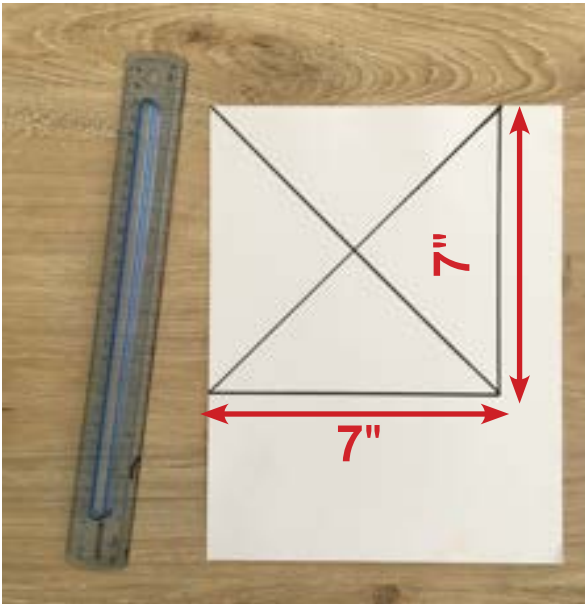
2.6 Repeat steps **2.4** and **2.5** for sections B and C.



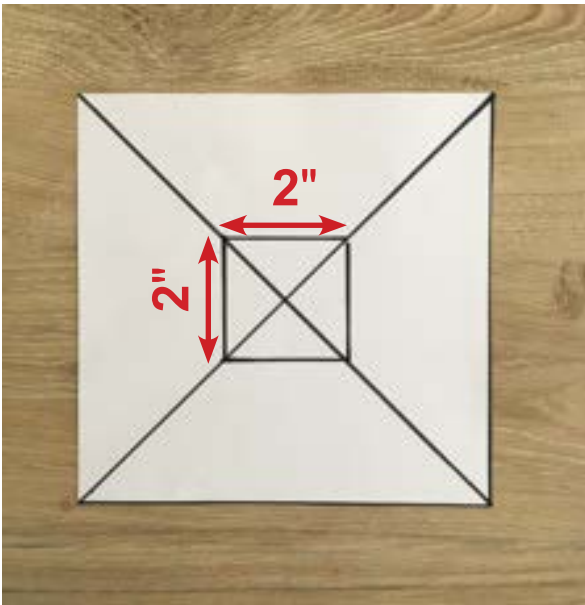
2.7. After you finished folding and gluing sections A,B, and C, they will be similar to those in the photo.

3. Building a roof for section A

3.1 Take a sheet of paper and draw a square **7 in x 7 in**. Draw two diagonals. Cut out the square.



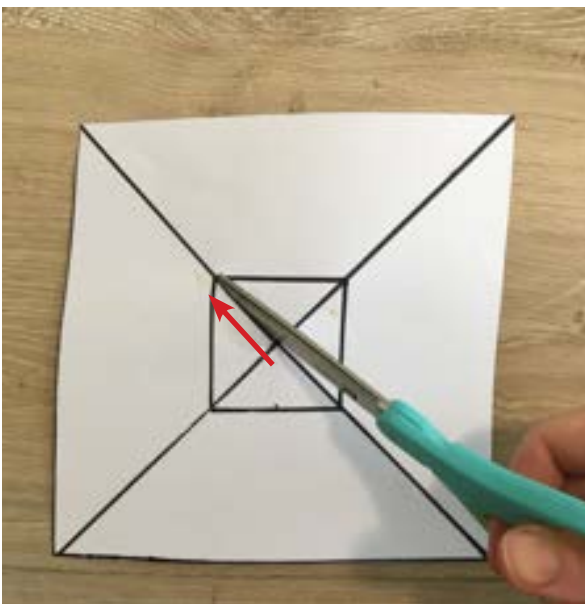
3.2 In the middle of the square draw another square **2 in x 2 in**. You need to be precise because this part will connect to the other sections.

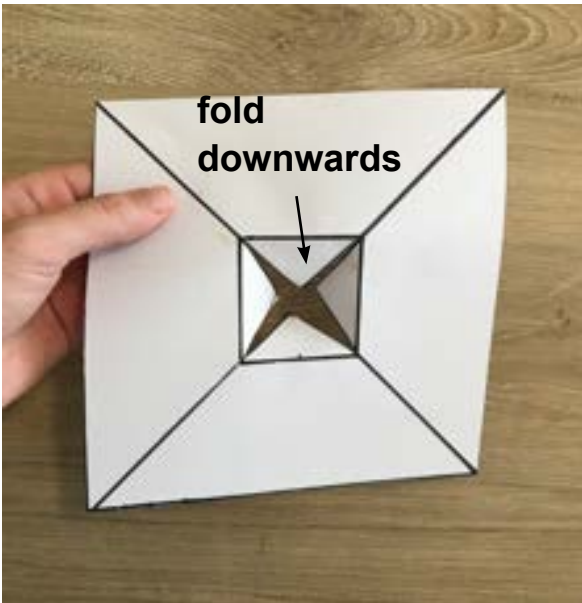


3.3 Now you will work with a smaller square **2 in x 2 in** that is in the middle.

Poke the hole with the scissors in the middle of the square. Then, cut along the diagonal of the smaller square, as shown in the photo. Repeat the cuts for three other diagonals.

Refer to the next photo to see the final result.

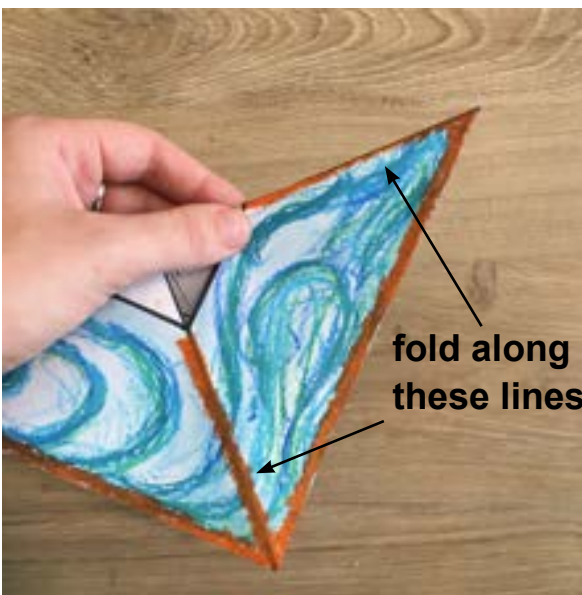




3.4 After you make the cuts, fold the four triangular pieces downwards, towards the table.



3.5 Decorate the four sides of the square with **the symbols of your past**.



3.6 Fold along each individual diagonal line as shown in the photo.

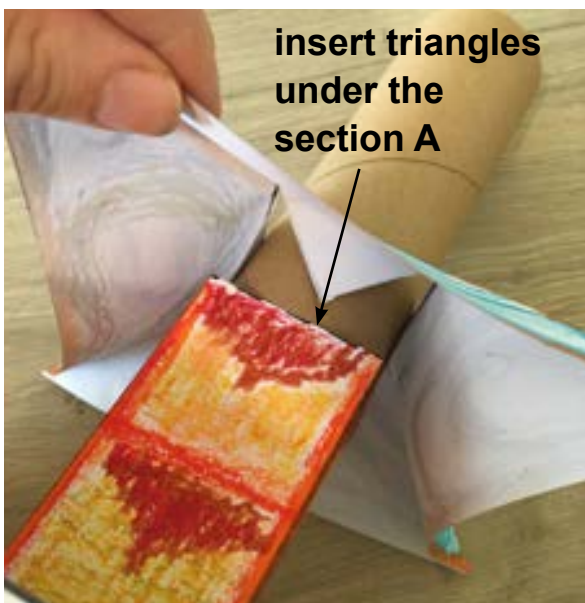


3.7 Your square should have similar shapes to the one in the photo.



4. Putting section A onto the central pillar

4.1 Take section A, which is the longest one, and slide it through the top of the central pillar (paper towel roll). Slide it all the way towards the bottom.

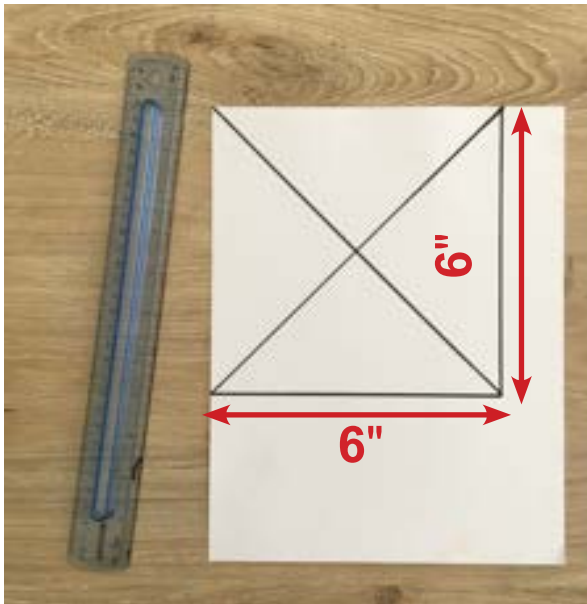


4.2 Take the roof for section A and slide it through the top of the central pillar towards section A.

Insert the triangles of the roof between section A and the central pillar to fixate the roof.

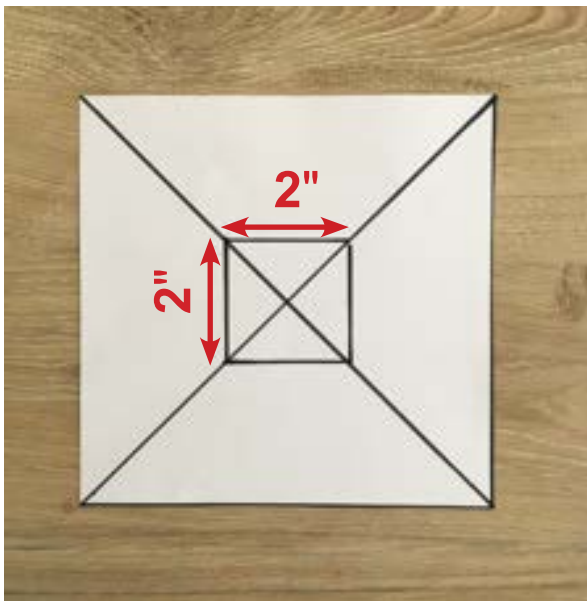


4.3 Your pagoda should look similar to the one in the photo.



5. Building a roof for section B

5.1 Take a sheet of paper and draw a square **6 in x 6 in**. Draw two diagonals. Cut out the square.



5.2 In the middle of the square draw another square **2 in x 2 in**. You need to be precise because this part will connect to the other sections.

5.3 Repeat the **steps 3.3 - 3.4** for the roof of section B.



5.4 Decorate the four sides of the square with the **animal you have chosen for your banner.**

5.5 Repeat step 3.6

Your square should look similar to the one in the photo.



6. Putting section B onto central pillar

6.1 Take section B and slide it through the top of the central pillar (paper towel roll).

6.2 Take the roof for section B and slide it through the top of the central pillar.

Insert the triangles of the roof between section B and the central pillar to fixate the roof (as was done in step 4.2)

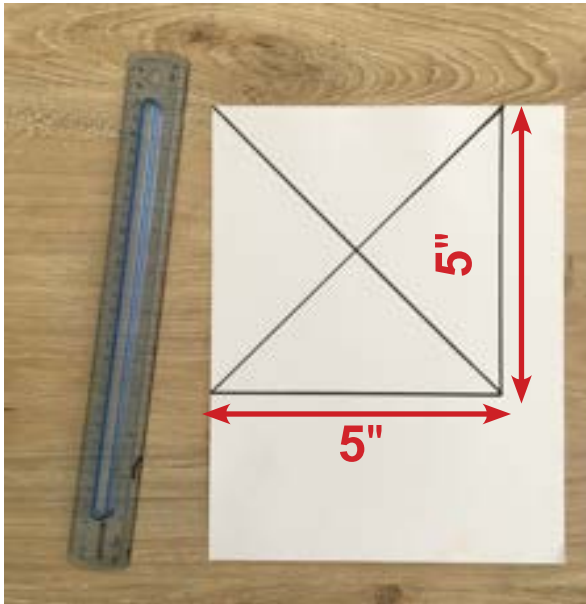
After you completed the steps the pagoda should look similar to the one in the photo.



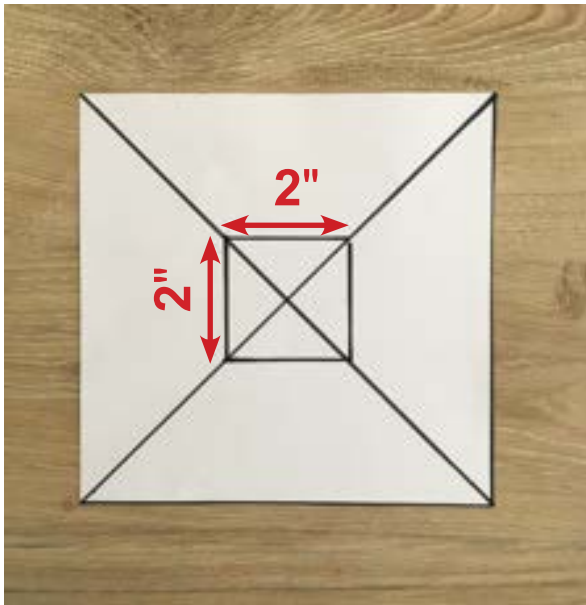
7. Building a roof for section C

Roof C will consist of two elements.

7.1 For the first element take a piece of paper and draw a square **5 in x 5 in**. Draw two diagonals. Cut out the square.

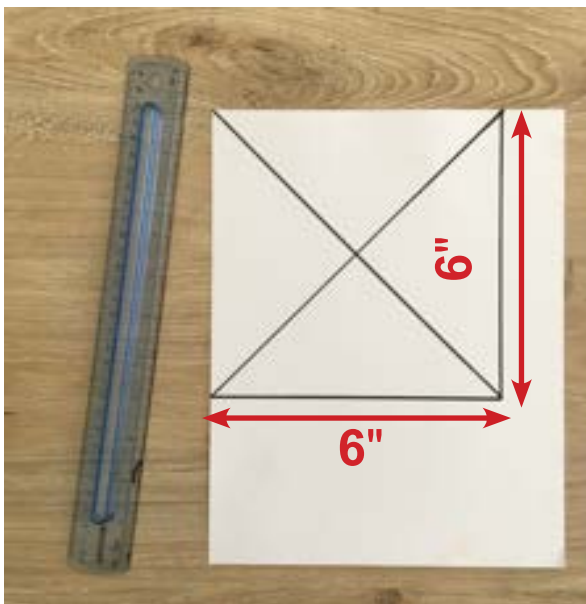


7.2 In the middle of the square draw another square **2 in x 2 in**. You need to be precise because this part will connect to the other sections.



7.3 Repeat the **steps 3.3 - 3.4**.

7.4 For the second element of roof C take another piece of paper and draw a square **6 in x 6 in**. Draw two diagonals. Cut out the square.





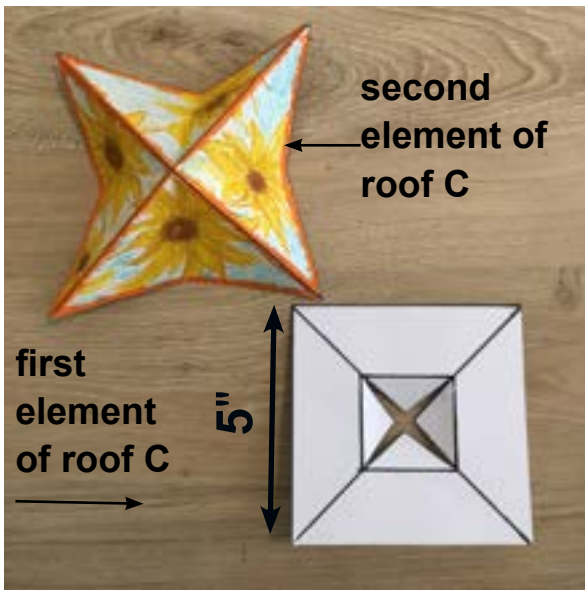
7.5 Decorate the square using a **symbol of your favorite color**. In this example, the sunflowers symbolize yellow color.



7.6 Make folds alongside the four diagonal lines.



7.7 When you make the folds your roof should have a similar shape to the roof in the photo.

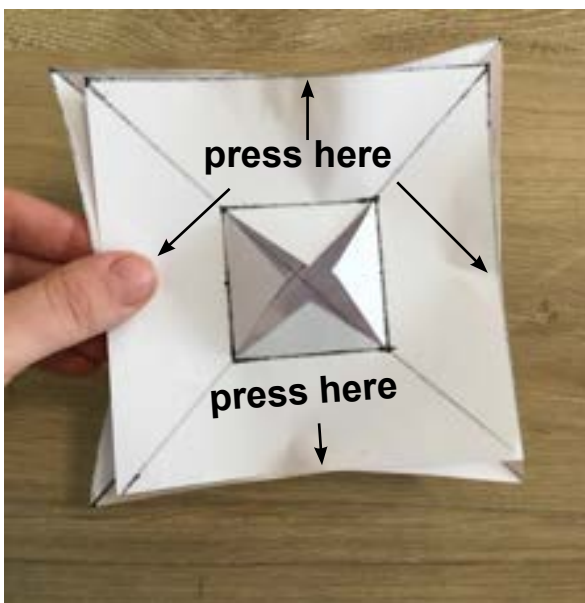


7.8 Prepare to combine the two elements of roof C.



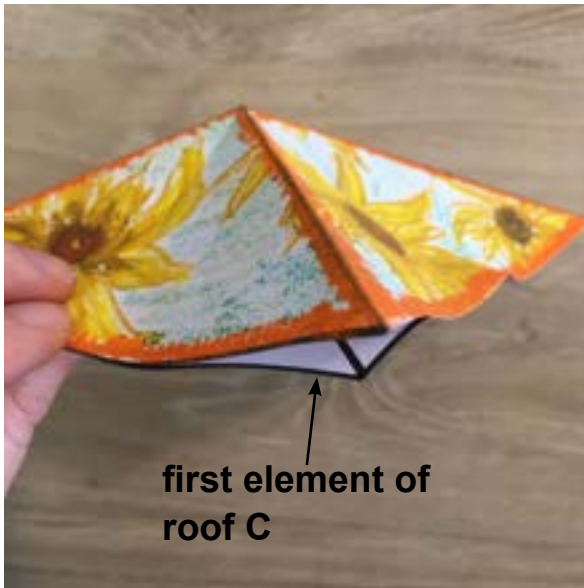
7.9 Turn the second element of roof C (the decorated one) upside down.

Put the glue in the middle of each side, as shown in the photo.

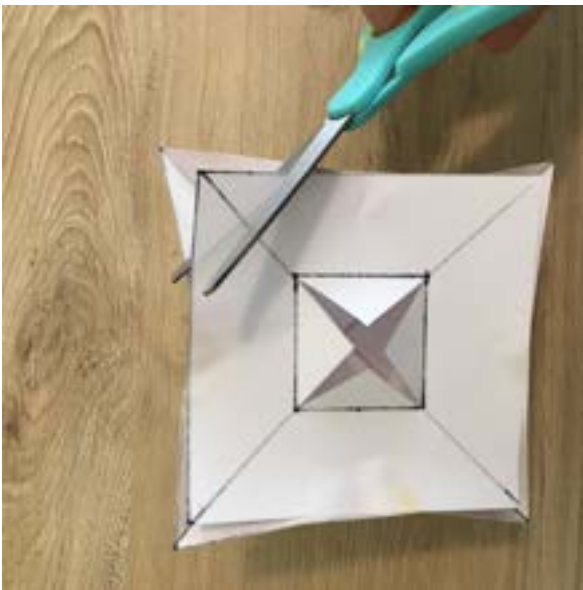


7.10 Put the first element of the roof C on top of the second element. Align the sides of both squares.

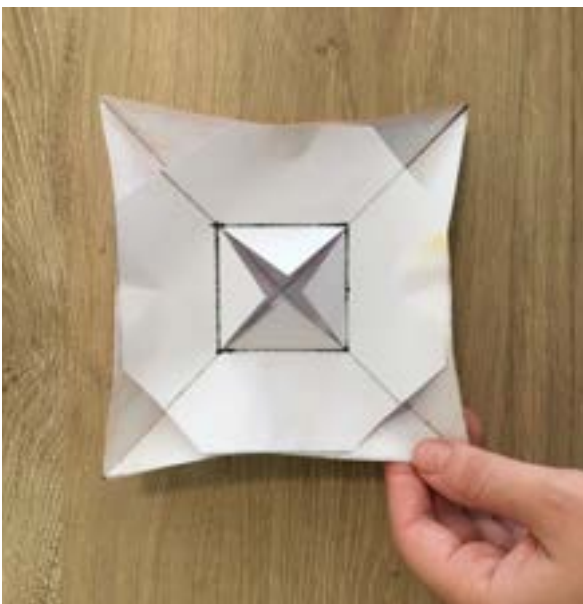
Press the two elements together at the edges to glue them.



7.11 If the first element of the roof C is sticking out too much you can cut its edges.



7.12 Turn the roof for section C upside down. Trim the edges of the first element as shown in the photo.



7.13 After you trim the edges your roof C will look similar to the one in the photo.



8. Putting section C onto central pillar

8.1 Take section C and slide it through the top of the central pillar.

8.2 Take the roof for section C and slide it through the top of the central pillar.

Insert the triangles of the roof between section C and the central pillar to fixate the roof.



8.3 After you completed the steps the pagoda should look similar to the one in the photo.



Additional things to do

You can add more elements to your pagoda! Here are some ideas you can try.

- Research traditional Chinese gardens and create your own!
- Design your own finial (an element marking the top or end of some object, often formed to be a decorative feature) and place it on the top of the pagoda.
- You can use thread to connect the finial to the corners of the roof.
- You can turn your 3-tier pagoda into a 5-tier pagoda or even higher. To do that you will need to:
 - 1) take down the section C of your pagoda
 - 2) take another paper towel roll and attach it to the top of your central pillar with some duct tape.
 - 3) use the instructions for section B to build more tiers
 - 4) place your already made section C on top of your higher new pagoda.