

Water Tower

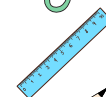
What you get:



What you need:



Scissors

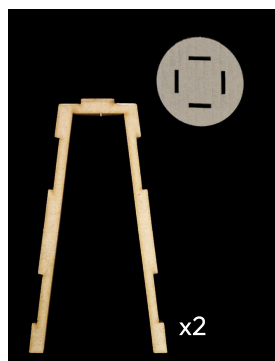


Ruler

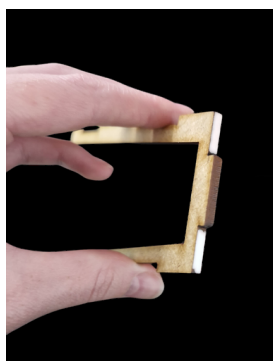


Pencil

Step 1: Legs Part 1



You will need the 2 legs that look like the image above, and the large circle with slits.



Put glue on the top 2 edges, as shown. Do not put on the middle tab.

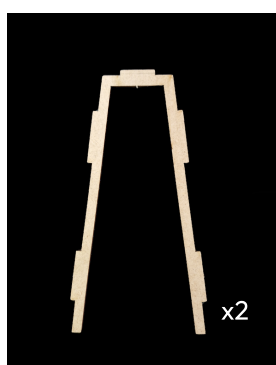


Glue into place in one of the slits in the circle, and then repeat again for the second leg, gluing it across from the first.

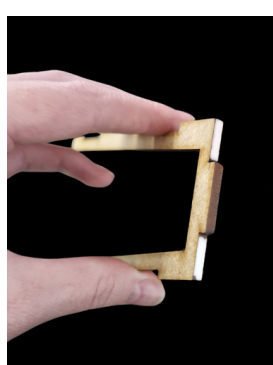


Your model should look like this.

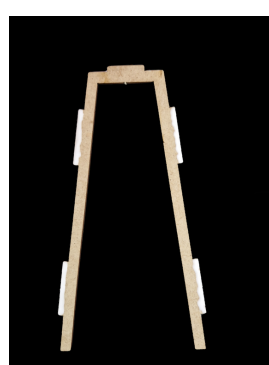
Step 2: Legs Part 2



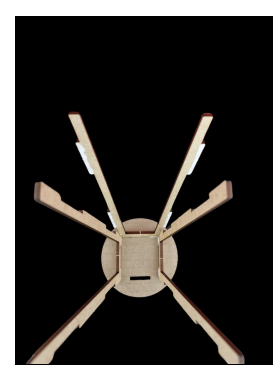
You will now need the 2 remaining legs that look like the image above.



Put glue on the top 2 edges, as shown. Do not put on the middle tab.



Also put glue on the tabs on the side, as shown.



Place it into one of the remaining tabs.



Now glue the legs to each other.

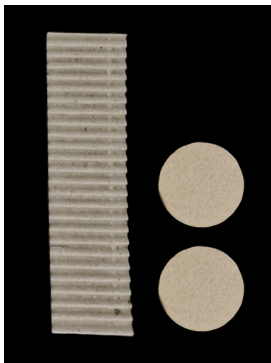


Do the same for the last leg, squeezing to make sure they stick.

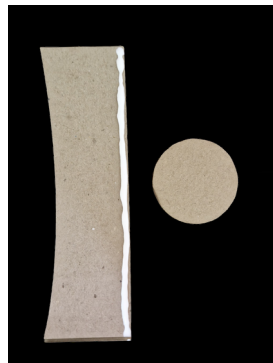


Tie the small elastic bands around the legs to keep them in place while they dry.

Step 3: Water Tank



You will need the thicker piece of corrugated board, and the 2 small circles.



Turn the corrugated board over, and glue along one side.

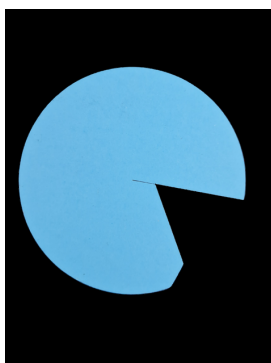


Glue the board around one of the small circles, and use an elastic to keep it in place.

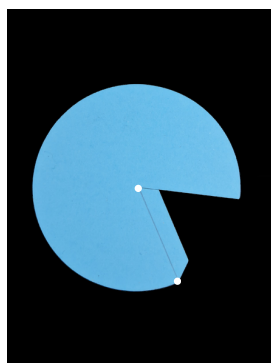


Glue the second small circle into the tube as well. Slide the elastic band to the middle to keep both circles in place as they dry.

Step 4: Roof



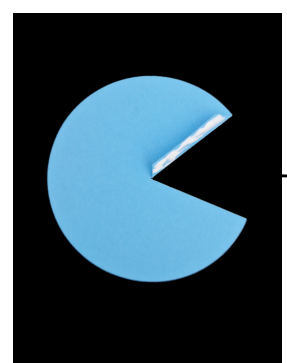
You will need your coloured card circle, this will become the roof.



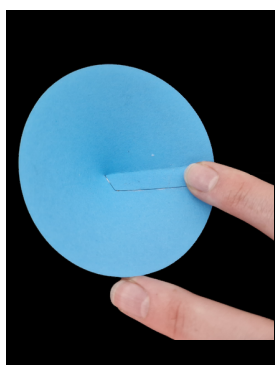
Take a ruler and pencil, and join the 2 white dots together with a line.



Now fold along this line so that you have a flap.



Glue on the flap.



Now glue the 2 sides of the circle together to make a cone.



This is now the roof of your water tower!

Step 5: Railing



You will need the thinner piece of corrugated board, and the base of your water tower.



Glue along the whole edge of the circle base.

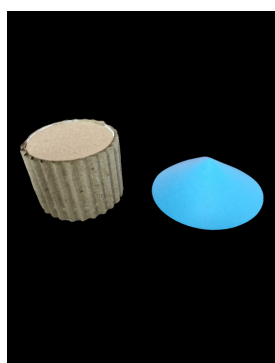


Now glue the strip of corrugated board around the circle.



You can use a peg or a clip to keep it in place, or just hold it for a little bit to make sure it sticks.

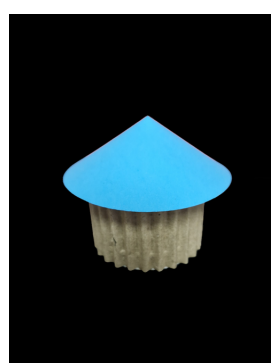
Step 6: Putting it together



You will need your water tank, and your roof.



Glue around the end of the water tank. If you would rather use Curious Gum to glue the roof on, you can do that too.



Stick the roof onto the water tank.



You can now glue the whole water tank onto the center of the water tower base.

Step 7: Struts



You can design the struts you want for your water tower yourself, or you can follow the steps below.



Now that your legs are dry, you can gently squeeze them toward each other. They will bend, showing that the structure is not very strong right now. Let's change that!



You will need the wooden stirrers, a ruler, pencil and scissors. Measure 9cm on the wooden stirrer, and cut it with the scissors.



Put glue on the 2 ends of the 9cm piece, and glue it in place like the image above.



Take the extra piece that you cut off before, and glue it like in the image above.



Now measure four 5.5cm pieces of wooden stirrer, and cut them with a scissors.



Glue the 5.5cm piece across the legs, like in the image above.



Repeat for the other 3 sides of the tower.



When it is dry, test the strength again by gently trying to push the legs together, you will see it is a lot stronger now!