



Super Strong Structures

Castle Instructions

You Will Need...

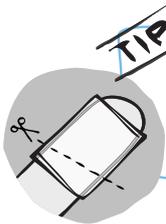
Craft Sticks

Glue

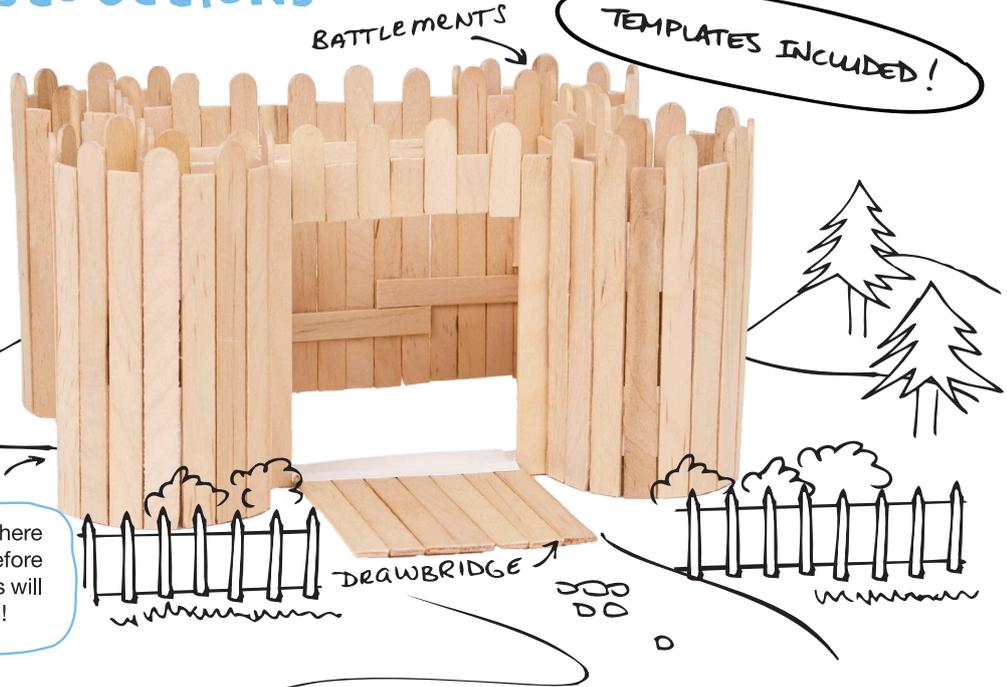
You Will Also Need...

Micador Scissors

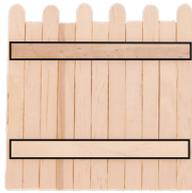
Paper



TIP Wrap sticky tape tightly around where you want to cut the craft sticks, before cutting them into small pieces. This will help to prevent them from splitting!



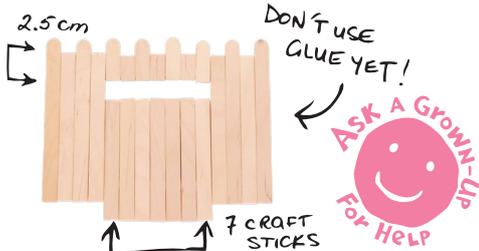
x2



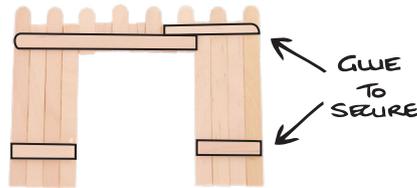
Step 1: To create the side walls, place 11 craft sticks side by side, trim 1 cm off the top of every second craft stick and 1 cm off the base of all the craft sticks, as shown above, or use the SIDE WALL template as your guide.

Step 2: Place 2 craft sticks across the wall, trim off overhang and glue them into place to secure the pieces together. Repeat Steps 1 and 2 to create a second sidewall.

Step 3: To create the back wall, repeat Steps 1 and 2, but this time with 15 craft sticks. Glue 4 craft sticks across to secure all the pieces together.



Step 4: To create the front wall, repeat Step 1 with 15 craft sticks, but don't glue anything down just yet. Draw a line approximately 2.5cm from the top, and then cut along the line of the 7 craft sticks in the middle. Use the FRONT WALL template if necessary.

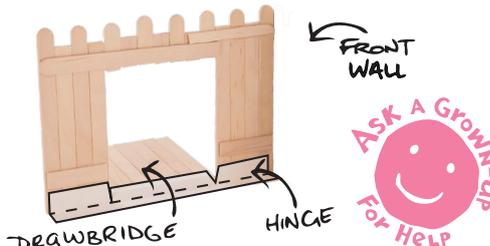


Step 5: Set aside the 7 longer pieces cut in Step 4 and reposition the front wall back into its original position. Secure in place with extra craft sticks as shown.

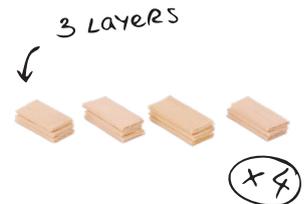
Step 6: To create a drawbridge, glue together the 7 long pieces cut in Step 4 together. Ensure that the edges are aligned.



Step 7: To make hinge for the drawbridge, cut a 2.5cm x 14cm paper strip. Fold the strip in half lengthwise, mark 3.5cm from each end and make a small cut as shown. (See the DRAWBRIDGE HINGE template)



Step 8: Glue the two outer flaps on one half of the drawbridge hinge to the bottom of the front wall. Glue the bottom of the drawbridge to the flap in the middle. Make sure it's glued to the back.

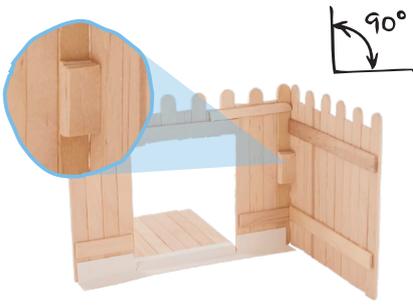


Step 9: Make some corner joints by cutting up twelve 2cm strips of craft sticks and gluing them together in lots of 3.

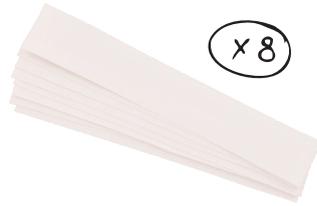


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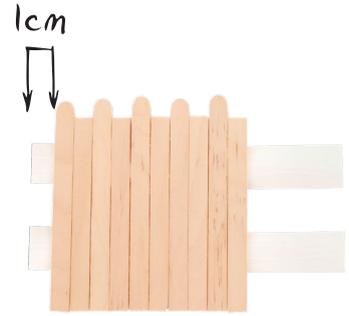
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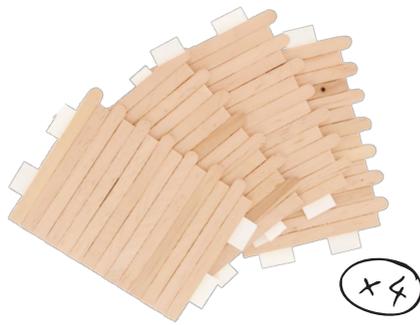
Step 10: Join the walls, by gluing the sides together with corner joints made in Step 9. Make sure that all the corners of the castle are at a 90 degree angle.



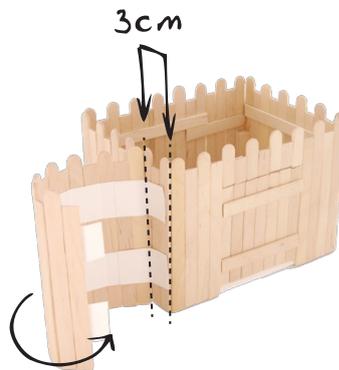
Step 11: To create the towers, cut out 8 strips of paper, 2cm x 19cm each.



Step 12: Repeat Step 1 with 14 craft sticks, and glue them onto two strips of paper. Make sure you leave at least 1cm of the strip free on either end and that the base of the craft sticks are perfectly aligned. Use the TOWER and TOWER STRIPS templates as a guide.



Step 13: Repeat Step 11 to create 3 more towers.



Step 14: Curve the towers into shape, and glue the strips on each end, 3cm from each corner of the castle.



TIP

To make sure that the towers stay in place as the glue dries, clip the glued paper strips in place with some clothes pegs.



TRY USING MICADOR ACRYLIC PAINTS TO PAINT IT IN DIFFERENT COLOURS!

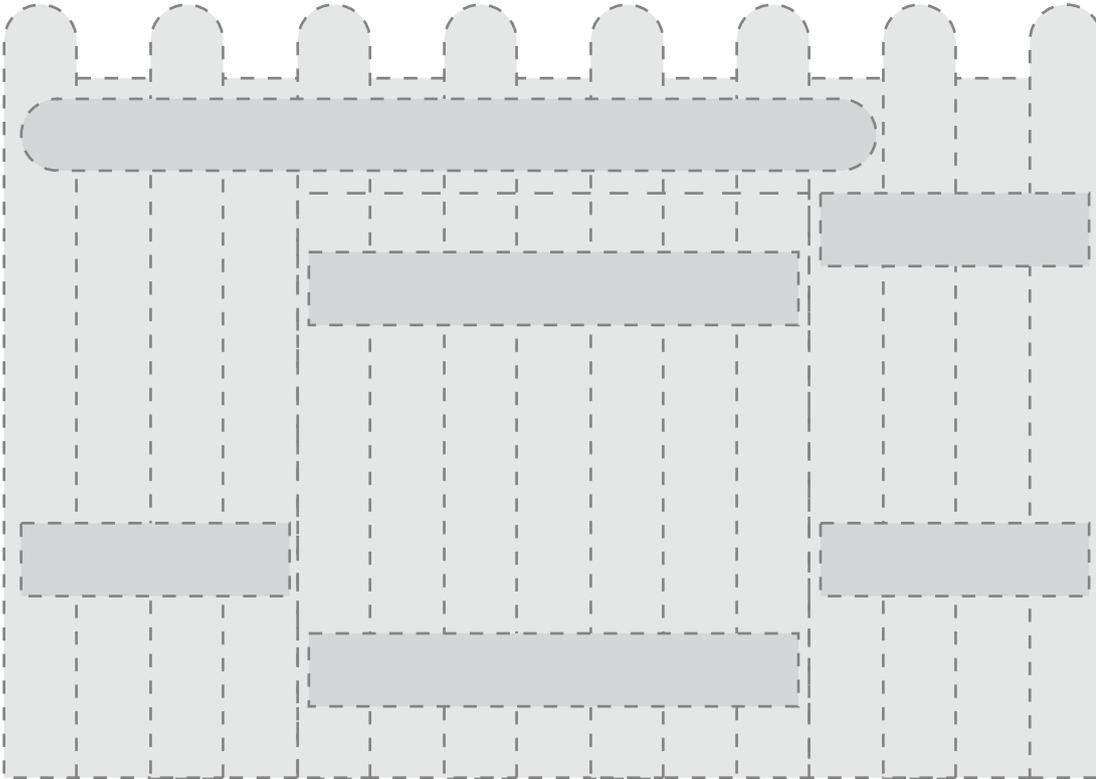




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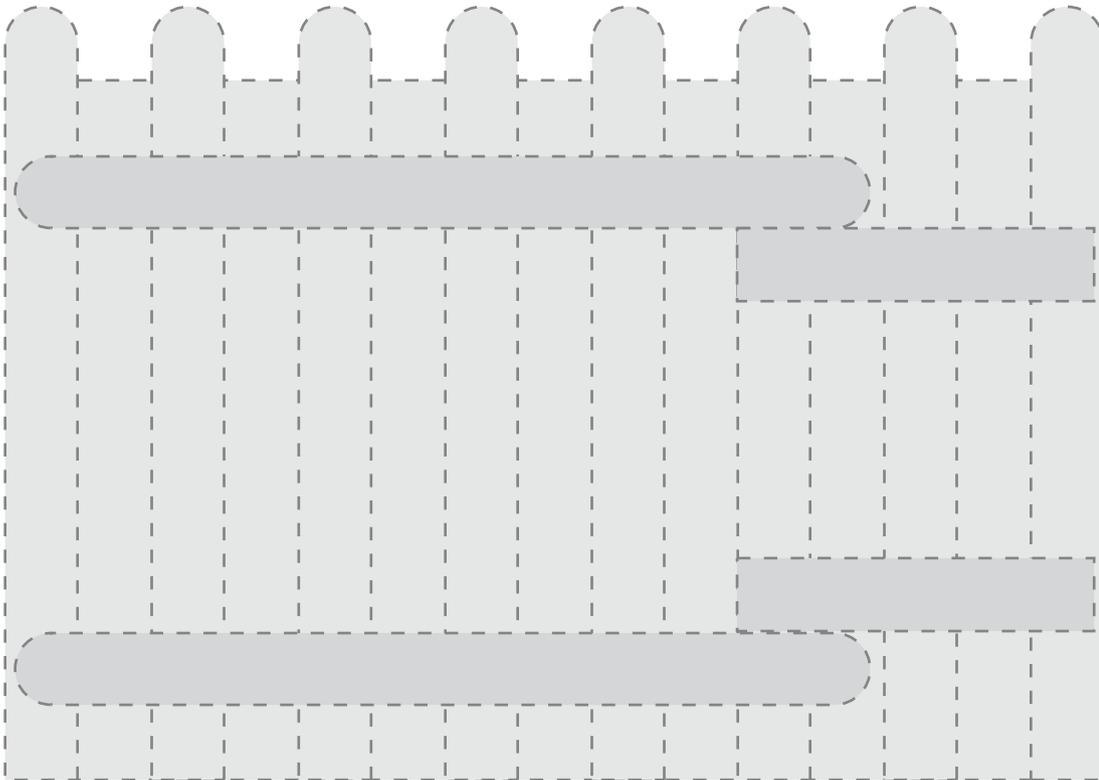
Castle Templates

Do not scale templates when printing.



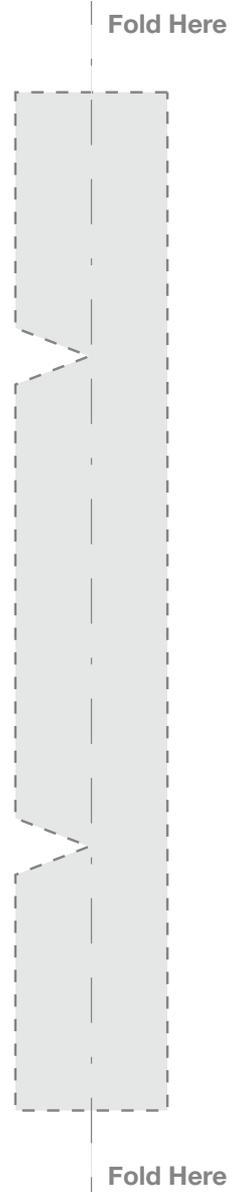
FRONT WALL

(x1)



BACK WALL

(x1)



DRAWBRIDGE HINGE

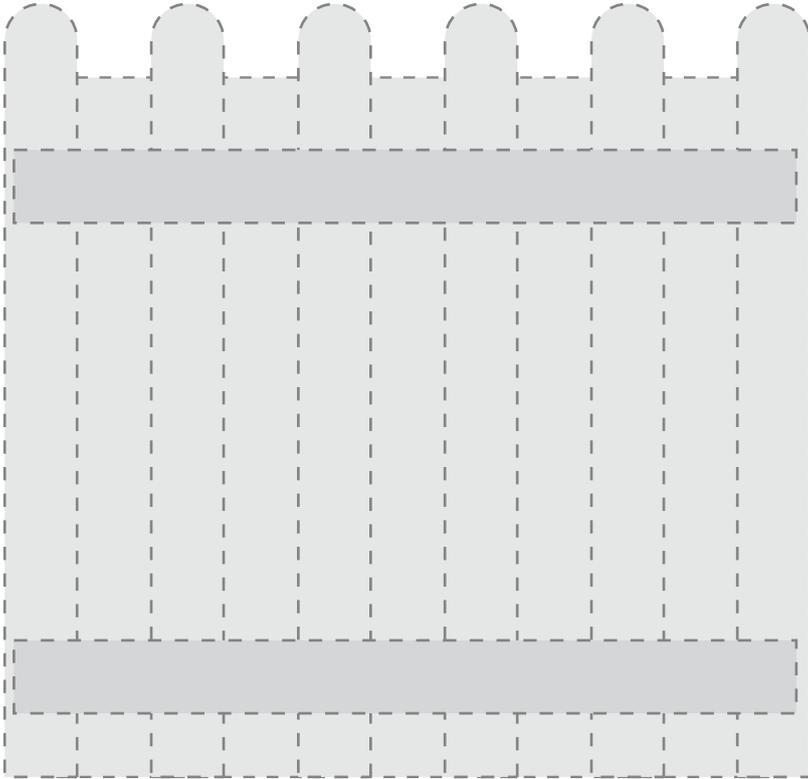
(x1)



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Castle Templates

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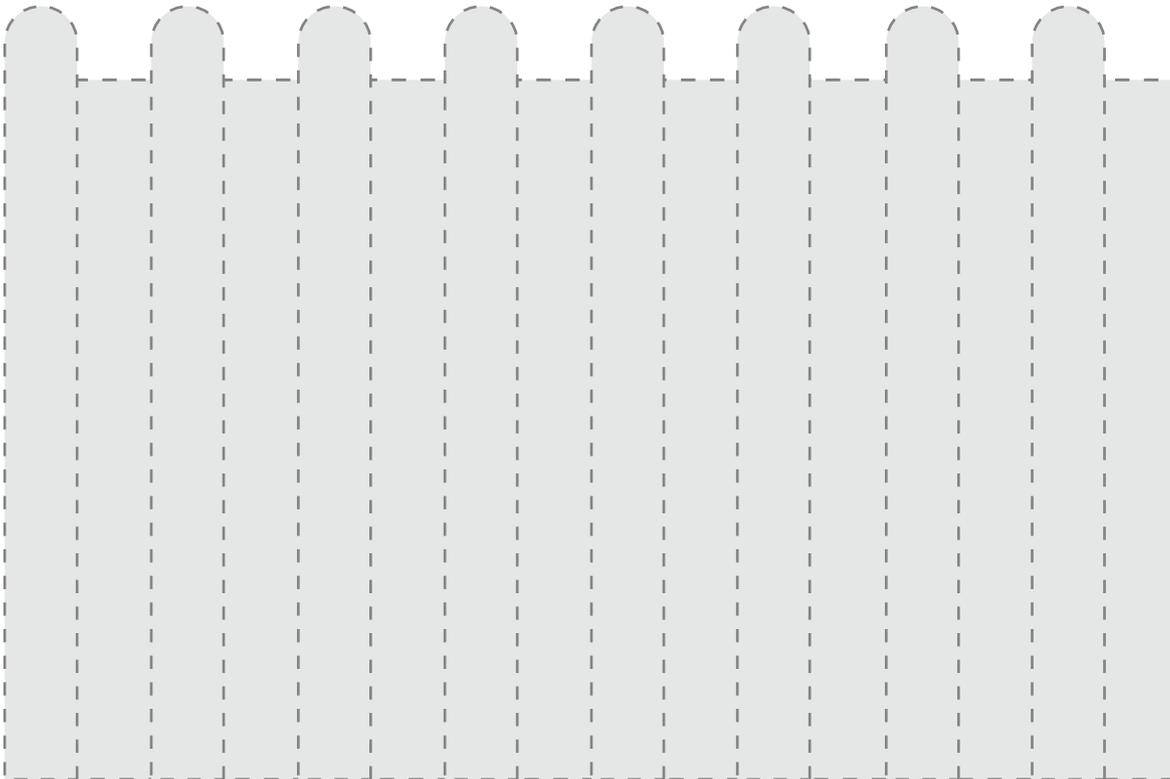
SIDE WALL

x2



CORNER JOINTS

x12



TOWER

x4



TOWER STRIPS

x8