

Fun with Numbers!

Homemade Clock Instructions

Supplies:

52 colored popsicle sticks (if you only have plain popsicle sticks, you can try coloring them yourself!)

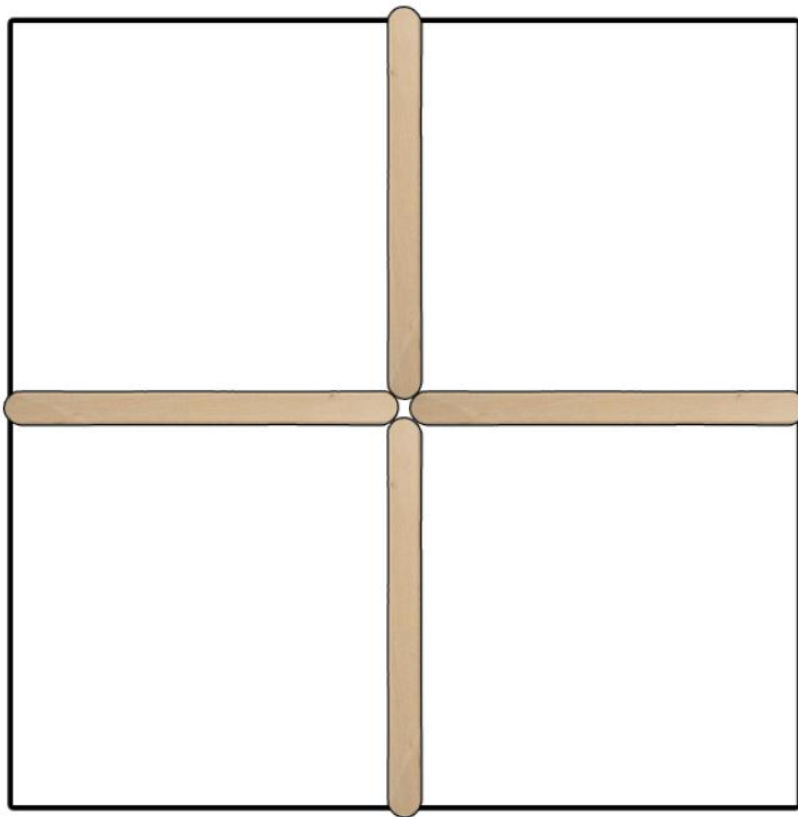
A piece of cardboard (at least 9 x 9 inches)

Thick Construction Paper

Glue and Scissors

Instructions:

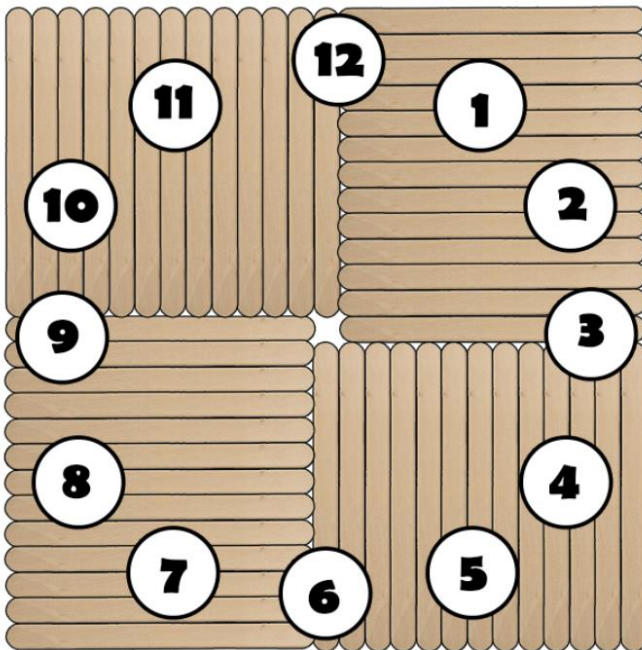
1. Cut out a square piece of cardboard. It should be about 9 x 9 inches.
2. Take 4 popsicle sticks and glue them to the cardboard in the shape of a cross. Make sure there is a bit of room in between the 4 popsicle sticks, because we will need it for the clock hands in a bit.



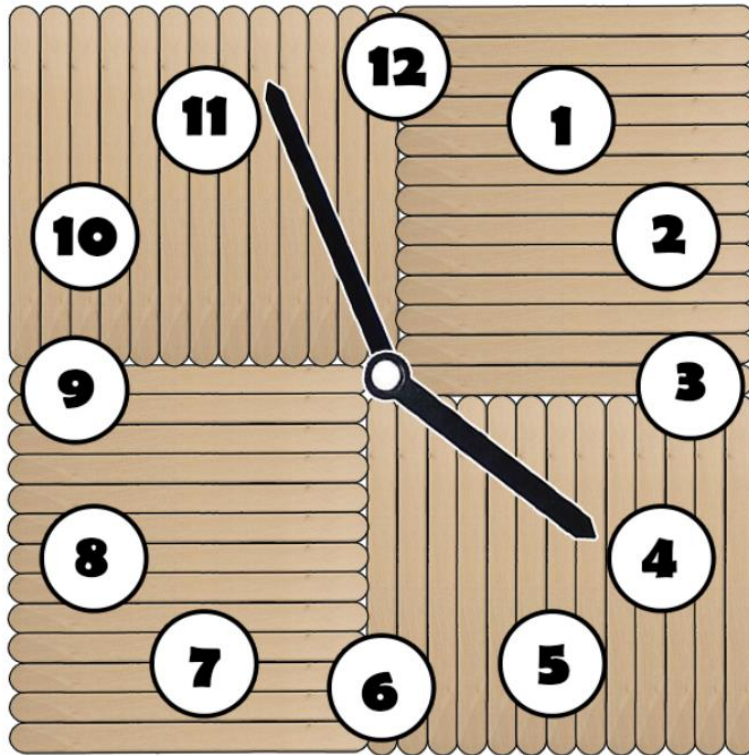
3. Fill in the rest of the cardboard by gluing on the rest of the popsicle sticks.



4. Using construction paper, cut out 12 small circles, each about the same size. Write the numbers on these. There should be one for 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12. Arrange them as shown in the image below.



- Using the thickest construction paper you have, cut out the shapes for the clock hands.
- Place the clock hands and use a brad to secure them in place.



- Now you have a homemade clock! Can you complete the short challenge below?

Challenges

Get your parents to help you with this or see if you can do it all on your own! (If you need help, remember that starting from 12 and going down and to the right, every number adds another 5 minutes until it gets back to 12 and completes the hour.)

- Put the clock to 12:30 o'clock.
- From 12:30, move the clock to 2:45.
- Move the clock ahead 3 hours.
- From there, move the clock 15 minutes ahead.
- What time does the clock say now? _____ o'clock