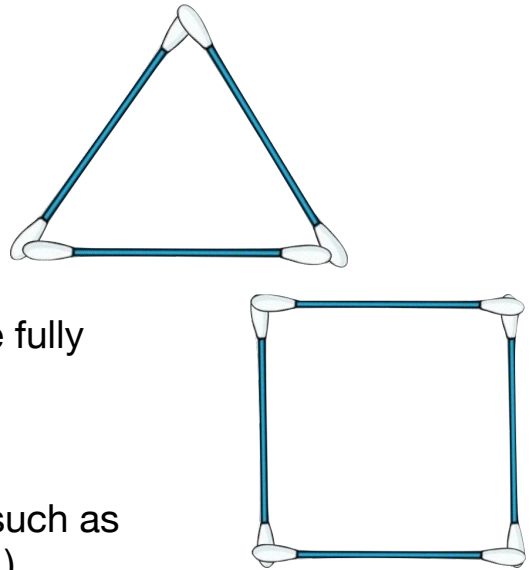


Do You Want to Build a Polygon?

This is an activity for one or more people.

Goal: Create polygons out of cotton swabs or other materials. A polygon is a two-dimensional shape with straight sides that are fully closed.



You will need:

- Cotton swabs (or other straight objects such as sticks, pencils, pens, strips of paper, etc.)
- Paper
- Glue or tape
- Markers and/or pencils

What to do:

- Use cotton swabs to create a polygon on a piece of paper.
- Once you have created a polygon, glue the cotton swabs to the paper.
- Using a marker or pencil, write the name of the polygon you created and number each side of the polygon.

To think about:

- Compare the number of cotton swabs you used for each polygon. What do you notice?

Other ways to play:

- Recycle your materials. Trace around the objects you used to make the polygons instead of gluing or taping them down to the paper. Use those objects for another activity!

