

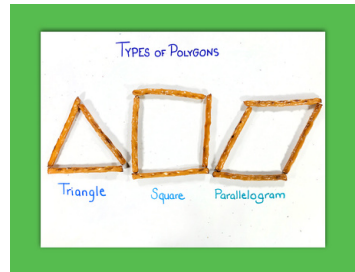
BREWING UP SOME STEAM

YUMMY SHAPES EXPLORATION

Explore how to make shapes using pretzels.

Materials You Will Need:

- a generous serving of pretzel sticks
- shape sheet



DIRECTIONS

1. What shapes can you make with pretzel sticks? Closed shapes made with straight lines are called polygons! Try making shapes like squares, triangles, rectangles, trapezoids and more
- 2) Use your sheet to give you more ideas.
- 3) Now try this: Make a creature using your pretzel sticks. Break them into pieces if you need to! When you have finished designing your creature, draw a picture then find and count all the polygons you used!

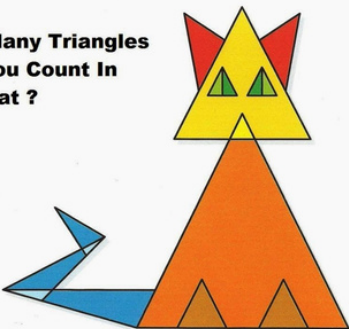
Take it further:

- Ask an adult for some mini marshmallows and use them to "connect" your pretzel sticks and make 3-dimensional pretzel structures!
- Create a "polygon puzzle" for a friend (such as the 2 triangle puzzles below) and ask them to identify all the shapes they see!

Parent Connection:

Does studying shapes seem too basic? Learning about and becoming familiar with basic 2-dimensional shapes can help with spatial awareness and lead to a better understanding of more complex concepts and 3-dimensional structures like those found in architecture and engineering!

**How Many Triangles
Can You Count In
This Cat ?**



HOW MANY TRIANGLES DO YOU SEE?

