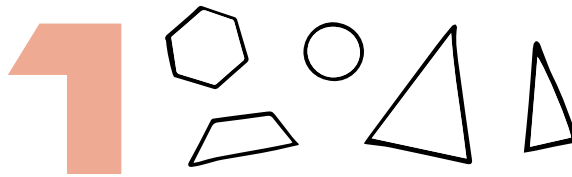


Finding Math

Go on a hunt to find shapes that are hiding in plain sight. Then, practice using only geometric shapes to create a collage based on one of your finds.

MATERIALS

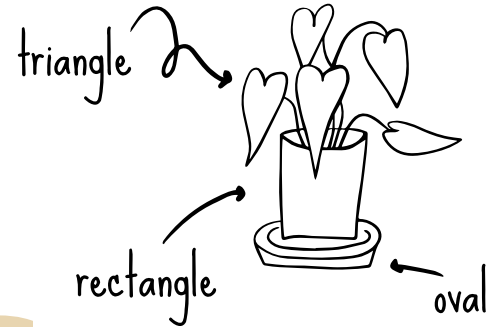
- Shape Spotter: Paper towel tube
Shape Scape: Paper, pencil, crayons or markers, scissors, glue



Hunt for shapes!

Look for shapes at home or in your neighborhood.

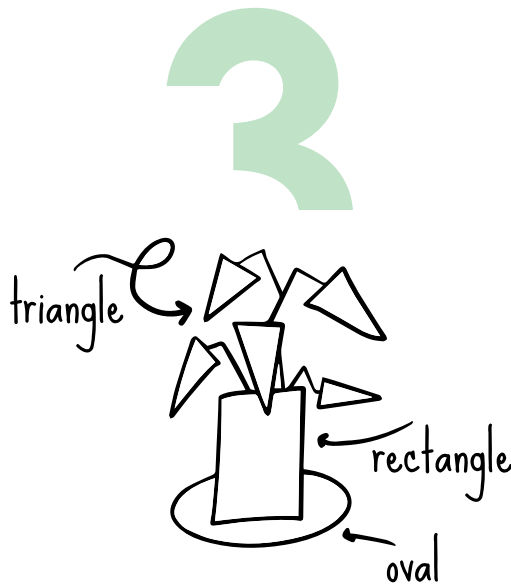
Try using a paper towel tube as your spotter. A narrow view makes it easier to see one shape at a time. Use the chart on page two to keep track of your finds.



Pick an object

Choose something you spotted in your shape hunt.

Look closely - what other shapes do you see? Try to find as many geometric shapes in the object as you can.

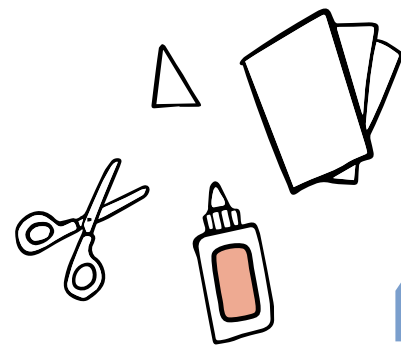


Draw your scape

Draw your object using only geometric shapes. You will have to make some tough choices!

Identifying the most basic shapes or units that make up an object is called abstraction.

Breaking something down into smaller parts or steps is an important skill in art and math alike!



Collage it!

Once you have your sketch, turn it into a collage!










Cut or rip paper into the shapes that you used in your sketch.

Paste them on top of your drawing, or on a new sheet of paper, to create a geometric collage.

Shape Scapes!

Finding Math

Use this chart to keep track of the shapes you find. How many of each can you find?

circle 	
oval 	
triangle 	
square 	
rectangle 	
parallelogram 	
trapezoid 	
pentagon 	
hexagon 	
octagon 