Shape Detectives

Shapes combine to make our entire world. Whether made of a few simple shapes, or many complex shapes, everything we see, have, and use, have shapes that are waiting to be found. In this activity, you will become a shape detective. You will hunt through your house or apartment and find the different shapes that make up your home. First, we must discuss the shapes you will be looking for:

The Square

The square has 4 sides of equal length and four equal 90° corners.

The square can be found all over in everyday life, from tile floors, to picture frames, to pizza boxes.
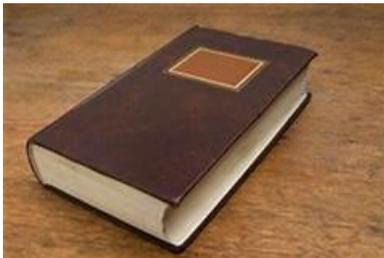
The Rectangle

The rectangle is related to the square. Like the square, a rectangle is made up of 4 sides, with 90° angles. Unlike the square, two of the rectangle's sides are longer than the other. Imagine, a square that you grab and stretch apart!
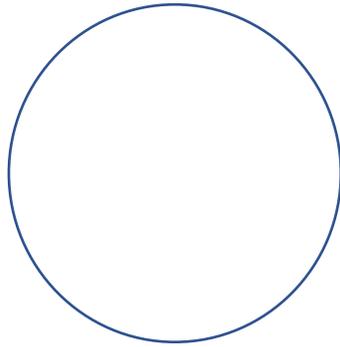
You can find many examples of a rectangles in a home. These include books, doors, flat screen televisions, and some tables:

Unlike the square, the rectangle looks different when turned on its side. No matter which direction it faces, if it has 2 sets of equal sides and 90° angles, it is a rectangle.

The Circle

The Circle is a shape made up of 1 line in a curve, with the entire curve the same distance from the center. Because it is made of a never-ending curve, it has no angles!

You can find many examples of circles at home including clocks, the top of cups, and balls used in sports, except footballs.

The Search

Now that we know about our shapes, we come to your job as a Shape Detective. Using this worksheet, you will search for shapes that are hiding in your home. Once found, you will draw the examples you found so that we can study and learn from these shapes. While Shape Detectives are only required to find two examples of each shape, you can include as many more examples as you like.

Shape Detective – Discovery Log

The Square	
Known shape	Your examples

museum
AT ELDRIDGE STREET

The Rectangle

Known shape	Your examples

The Circle

Known shape	Your examples