

Dear Family,

During the next few weeks, our math class will be learning about geometry.

You can expect to see work that provides practice with naming, describing, and comparing two-dimensional figures, as well as work with congruence and symmetry.

As we learn about geometry, you may wish to use the following as a guide.

### Vocabulary

**Polygon** A close, two-dimensional figure with sides that are line segments.

**Vertex/vertices** A point at which sides or edges of a figure meet.

**Congruent figures** Figures that have the same size and shape.

**Symmetry** A figure has line symmetry if it can be folded along a line so that the two parts match exactly.

### Classifying Two-dimensional Figures

Look at the figures to the right.

To classify two-dimensional figures, ask yourself questions about the figures.

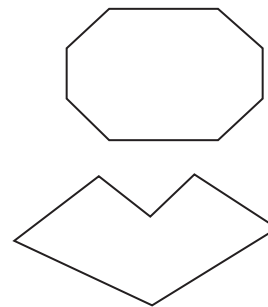
Is the figure closed?

How many sides does the figure have?

Are all the sides the same length?

Are all the angles the same size?

What else do I notice about the figure?



Knowing about two-dimensional figures will help students understand the geometry that is all around them.

Sincerely,

Your Child's Teacher



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