MATH IN OUR LIVES: LINES AND SHAPES
STUDY GUIDE

VOCABULARY

Geometry	The study of lines and shapes.
Three Dimensional	Shapes that have edges, faces, and corners that you can touch.
Line	A continuous stroke that can be drawn straight or in a curve.
Parallel Lines	A pair of lines that run side by side, never crossing.
Line Segment	A line with two end points.
Polygons	A closed shape formed with straight lines.

COMPREHENSION QUESTIONS

What is the difference between flat and three dimensional shapes?

What are some examples of three dimensional shapes?

How are polygons named?

Why do sailboats use triangular sails?

Give an example of a quadrilateral? Can you think of different kinds of quadrilaterals?

How many sides does a pentagon have? A hexagon? An octagon?

Where are geometric forms found in nature?