

To Parents and Adults at Home...

Your child's class is starting a mathematics unit on geometry. Geometric shapes are all around us, and mathematics can help your child recognize them. Understanding geometric form will help your child appreciate the geometry found in art, design, architecture, and nature.

In this unit, your child will:

- Identify and name various shapes with 3 or more sides
- Build, represent, and describe geometric objects
- Draw and talk about 2-D shapes and 3-D objects

Encourage your child to look for geometric shapes and objects around the home and neighbourhood, and talk about them. Here are some suggestions for activities that you can do at home:

Look for geometric shapes in buildings and street signs. For example, a stop sign is the shape of an octagon, and a yield sign is the shape of a triangle.

Look around the house for geometric shapes. Talk about the shapes you find. As you do, look closely at the corners and sides of the shapes. Count the corners and sides with your child.

Look for 3-D objects around your home, such as a fridge, stove, table legs, and so on. If possible, ask your child to count the number of corners and edges. Talk about how the object's shape is related to its purpose.

Look through magazines with your child to find as many different 2-D shapes and 3-D objects as you can find.