

Eureka Math Parent Guide

A GUIDE TO SUPPORT PARENTS AS THEY WORK WITH THEIR STUDENTS IN MATH.

**GRADE K
MODULE 2**

GRADE FOCUS

Kindergarten mathematics is about (1) representing, relating, and operating on whole numbers, initially with sets of objects; and (2) describing shapes and space.

- Module 1: Numbers to 10
- » **Module 2: Two-Dimensional and Three-Dimensional Shapes**
- Module 3: Comparison of Length, Weight, Capacity, and Numbers to 10
- Module 4: Number Pairs, Addition and Subtraction to 10
- Module 5: Numbers 10–20 and Counting to 100
- Module 6: Analyzing, Comparing, and Composing Shapes

LET'S CHECK IT OUT!

MODULE 2 FOCUS

In this module, we will start with describing and sorting flat shapes, and then solid shapes. Finally, we'll learn to sort and compare both flat and solid shapes.

MORE SPECIFICALLY, CHILDREN WILL LEARN HOW TO:

- Classify objects and count the number of objects in each category
- Identify and describe shapes such as squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres
- Analyze, compare, create, and compose shapes

TOPIC OVERVIEW

Topics are the lessons within a module that help children master the skills above. Here are the lessons your child will walk through in Module 2:

- Topic A: Two-Dimensional Flat Shapes
- Topic B: Three-Dimensional Solid Shapes
- Topic C: Two-Dimensional and Three-Dimensional Shapes

WORDS TO KNOW

• Flat Shapes

• Two-Dimensional Shapes

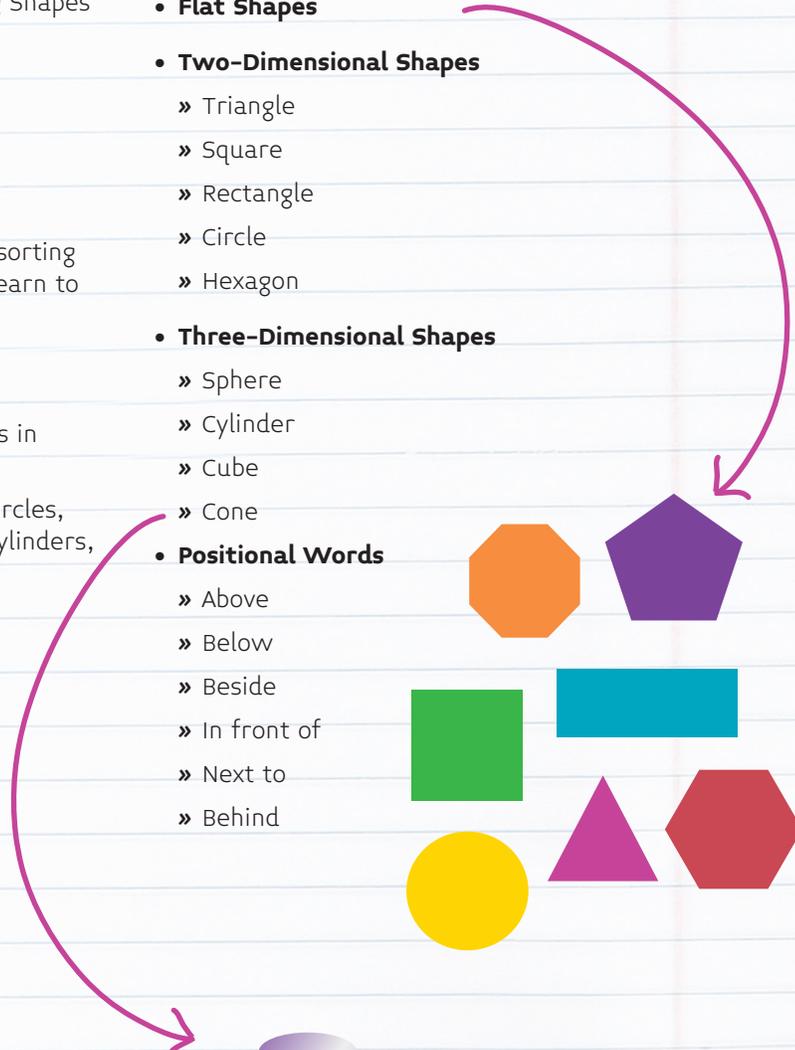
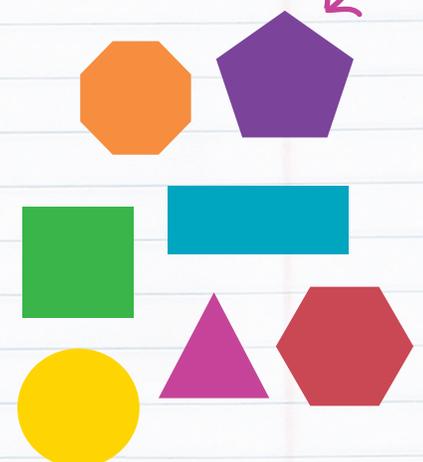
- » Triangle
- » Square
- » Rectangle
- » Circle
- » Hexagon

• Three-Dimensional Shapes

- » Sphere
- » Cylinder
- » Cube
- » Cone

• Positional Words

- » Above
- » Below
- » Beside
- » In front of
- » Next to
- » Behind

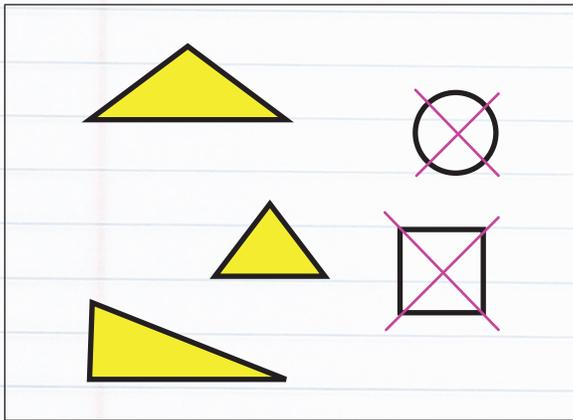


SAMPLE PROBLEMS

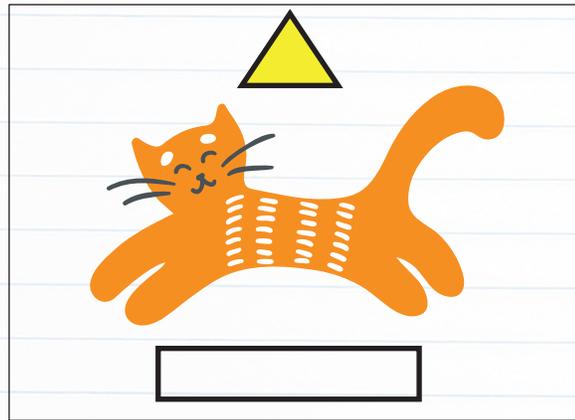
SAMPLE 1

Students will look at various **flat shapes** and describe the attributes of the shape. They will also look at objects and determine which shape looks like it. For example, a clock looks like a circle.

Find the triangles and color them yellow.
Put an X on shapes that are not triangles.

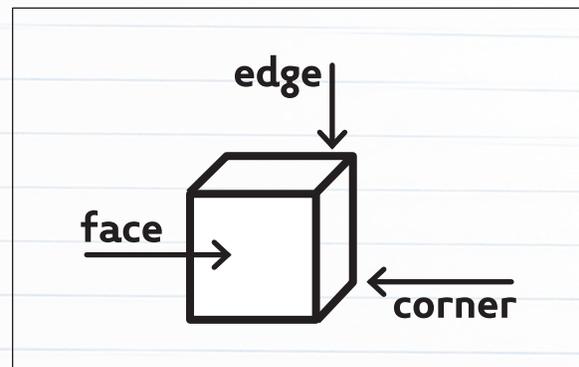


Draw a shape with 4 sides, 2 long and 2 short, below the cat. Draw a shape with 3 straight sides above the cat. Color it yellow.



SAMPLE 2

They will discuss things such as the **edges** of the shapes, **corners** and points, that a **face** is a flat surface, or that some shapes just have curves and no edges.



HOW YOU CAN HELP AT HOME

- Look around your home for solid shapes. Name at least 3 solid shapes.
- Look around your home for flat shapes. Draw at least three of the shapes.
- Look around your home for circles. Count them and record how many you found.
- Explore Position words. Use toys to model before, after, above, below, and beside. Describe using attributes. Ex. The blue car is behind the red car.
- Sort a bag of skittles or other candy by color. Count each color. What color has the most? What color has the least?
- Get three different cups. Put them in order from shortest to tallest.
- Sort the mail by name. Who has the least amount of mail? Who has the most amount of mail?
- Find 3 objects in the home that are longer than your shoe.