

Lesson 4: Describe, Compare, and Sort Shapes

Standards Alignments

Addressing K.CC.A.1, K.G, K.G.A.1, K.G.B.4, K.MD.B.3

Teacher-facing Learning Goals

- Sort shapes into groups.
- Use informal language to describe and compare shapes and their attributes.

Student-facing Learning Goals

- Let's describe and sort shapes.

Lesson Purpose

The purpose of this lesson is for students to describe, compare, and sort shapes.

In this lesson, students are introduced to sorting shapes based on attributes. Students sort objects from the classroom as well as shapes they have worked with in previous lessons. Students describe attributes of shapes as they determine and explain which groups shapes should be sorted into. Because students are just starting to develop an understanding of shapes, students may say that three-dimensional objects look like a two-dimensional shape (for example, the clock looks like a circle.) This is fine for now, as students will learn about the difference between flat and solid shapes in a later unit.

As students explore, observe how students sort the objects and shapes, and use geometric language to describe them (MP6).

Access for:

Students with Disabilities

- Representation (Activity 1)

English Learners

- MLR8 (Activity 2)

Instructional Routines

Choral Count (Warm-up)

Materials to Gather

- Materials from a previous lesson: Activity 2
- Materials from previous centers: Activity 3

Lesson Timeline

Warm-up	10 min
Activity 1	15 min
Activity 2	10 min
Activity 3	20 min
Lesson Synthesis	5 min

Teacher Reflection Question

In grade 1, students distinguish between defining and non-defining (color, orientation, size) attributes of shapes. How does the work of this lesson lay the foundation for the work that students will do in grade 1?

Cool-down (to be completed at the end of the lesson)

 0 min

Unit 3, Section A Checkpoint

Standards Alignments

Addressing K.G

Student-facing Task Statement

Lesson observations

Student Responses

- Use informal language to describe shapes.
- Tell what is the same or different about two or more shapes.
- Sort shapes into groups.