

## Lesson 6: Rectangles and Squares

### Standards Alignments

Addressing K.G, K.G.B.4, K.MD.A.2

### Teacher-facing Learning Goals

- Compare the lengths of two shapes.
- Identify, describe, and compare rectangles and squares.

### Student-facing Learning Goals

- Let's learn the names of some more shapes.

### Lesson Purpose

The purpose of this lesson is for students to identify, describe, and compare rectangles and squares.

Students are introduced to the geometric terms **rectangle** and **square**. While some students may be familiar with these terms, they are formally introduced in this lesson, and all students have an opportunity to use the terms when identifying shapes in the classroom. Students consider the relative length of the sides of rectangles and describe them as **longer**, **shorter**, or the same length. In kindergarten, it is not important that students articulate the difference between squares and rectangles, only that they can identify examples of each shape. Refer to squares as “a special type of rectangle with four sides that are the same length,” but do not hold students responsible for the definition. In grade 1, students will distinguish between defining and non-defining attributes of shapes, which will allow them to discuss how squares and rectangles are the same and different.

### Access for:

#### Students with Disabilities

- Representation (Activity 2)

#### English Learners

- MLR8 (Activity 1)

### Instructional Routines

What Do You Know About \_\_\_\_? (Warm-up)

### Materials to Gather

- Materials from previous centers: Activity 3

### Materials to Copy

- Rectangle Sort Cards (groups of 4): Activity 1

## Lesson Timeline

Warm-up	10 min
Activity 1	10 min
Activity 2	10 min
Activity 3	25 min
Lesson Synthesis	5 min

## Teacher Reflection Question

Reflect on how comfortable your students are asking questions of you and of each other. What can you do to encourage students to ask questions?

## 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

- Sort shapes into groups.
- Compare the length of objects.
- Use informal language to describe shapes.
- Identify circles, triangles, rectangles, and squares.