

# Lesson 16: Represent the Classroom with Shapes

## Standards Alignments

Addressing K.CC.A.1, K.G, K.G.B.5

### Teacher-facing Learning Goals

- Compose solid shapes to represent the environment.

### Student-facing Learning Goals

- Let's use shapes to make a model of our classroom.

## Lesson Purpose

The purpose of this lesson is for students to use solid shapes to make a model of the classroom.

In previous lessons, students described and built with solid shapes. Students used positional words to describe the location of shapes and have identified solid shapes in the environment. After creating their model of the classroom with a classmate, students take a gallery walk to look at different models and practice describing their model. Then they return to their model and make changes or additions based on what they have observed in the other classroom models. The purpose of the lesson synthesis is for students to reflect on how they have improved throughout the unit.

This lesson has a Student Section Summary.

### Access for:

#### Students with Disabilities

- Action and Expression (Activity 1)

#### English Learners

- MLR8 (Activity 2)

## Instructional Routines

Choral Count (Warm-up)

### Materials to Gather

- Geoblocks: Activity 1, Activity 2
- Materials from previous centers: Activity 3
- Solid shapes: Activity 1, Activity 2

## Lesson Timeline

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

## Teacher Reflection Question

As you finish up this unit, reflect on the norms and activities that have supported each student in learning math. List ways you have seen each student grow as a young mathematician throughout this work. List ways you have seen yourself grow as a teacher. What will you continue to do and what will you improve upon in the next unit?

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

 0 min

Unit 7, Section B Checkpoint

### Standards Alignments

Addressing K.G

### Student-facing Task Statement

Lesson observations

### Student Responses

- Put solid shapes together to compose new shapes.
- Use positional words to describe the locations of solid shapes.