

Lesson 14: Compose with Solid Shapes

Standards Alignments

Addressing K.G, K.G.A.1, K.G.B.6

Building Towards K.OA.A.5

Teacher-facing Learning Goals

- Compose solid shapes to build new shapes.

Student-facing Learning Goals

- Let's build with solid shapes.

Lesson Purpose

The purpose of this lesson is for students to compose solid shapes to build new shapes.

In previous lessons, students described and built solid shapes from components. They used positional words to describe the relative location of shapes. In this lesson, students use solid shapes to compose shapes. Students may notice attributes of solid shapes in the context of building such as that a sphere is round and rolls. The focus is on listening to the language that students use to describe the shapes that they put together and their relative location (MP6).

Access for:

Students with Disabilities

- Engagement (Activity 2)

English Learners

- MLR2 (Activity 1)

Instructional Routines

Number Talk (Warm-up)

Materials to Gather

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

Lesson Timeline

Warm-up

10 min

Teacher Reflection Question

How did students use positional words to describe what they built during this lesson?

Activity 1	10 min
Activity 2	10 min
Activity 3	25 min
Lesson Synthesis	5 min

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

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