

Lesson 2: Build Shapes from Other Shapes

Standards Alignments

Addressing 1.G.A, 1.G.A.2

Teacher-facing Learning Goals

- Compose shapes from other three-dimensional shapes.

Student-facing Learning Goals

- Let's use solid shapes to build new shapes.

Lesson Purpose

The purpose of this lesson is for students to use three-dimensional shapes to compose larger shapes.

In the previous lesson, students sorted three-dimensional shapes and used their own language to describe them.

In this lesson, students put together three-dimensional shapes to compose larger shapes. Students begin by using solid shapes to build any way they would like. They describe what they create and the shapes they used. Students then make three-dimensional shapes (prisms and cubes) from smaller shapes. Students do not need to use formal names for the three-dimensional shapes such as rectangular prism or triangular prism.

Access for:

Students with Disabilities

- Engagement (Activity 1)

English Learners

- MLR8 (Activity 1)

Instructional Routines

Notice and Wonder (Warm-up)

Materials to Gather

- Geoblocks: Activity 1, Activity 2
- Geoblocks: Activity 3
- Solid shapes: Activity 1, Activity 3

Lesson Timeline

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

Teacher Reflection Question

Reflect on whose thinking was heard today. Reflect on whose thinking was not heard but could have enriched the conversations. What prompts or structures might better enable the latter to share their voices and reasoning?

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

 0 min

Unit 7, Section A Checkpoint

Standards Alignments

Addressing 1.G.A.2

Student-facing Task Statement

Lesson observations

Student Responses

- Put two-dimensional or three-dimensional shapes together to form larger shapes or objects.
- Describe the composite shape and the shapes that make up the composite shape.