

Lesson 5: Explore Math Tools

Standards Alignments

Addressing K.CC, K.G, K.G.B
Building Towards K.CC, K.CC.B, K.G, K.MD.B.3

Teacher-facing Learning Goals

- Explore and use math tools.
- Listen to their partner's mathematical ideas.

Student-facing Learning Goals

- Let's explore our math tools.

Lesson Purpose

The purpose of this lesson is for students to explore math tools.

Students learn new stages of the Connecting Cubes and Pattern Blocks centers. Then students choose between the centers that have been previously introduced and may rotate between centers. This is an opportunity to set up structures for students to move between centers.

Math Community

Students reflect on the math community poster they have been adding to all week and work to create norms for the classroom.

This lesson has a Student Section Summary.

Access for:

Students with Disabilities

- Engagement (Activity 2)

English Learners

- MLR8 (Activity 2)

Instructional Routines

Notice and Wonder (Warm-up)

Materials to Gather

- Connecting cubes: Activity 1
- Materials from previous centers: Activity 3

Materials to Copy

- Connecting Cubes Stage 2 Cards (groups of 2): Activity 1

- Pattern blocks: Activity 2

- Pattern Blocks Stage 2 Mat (groups of 2): Activity 2

Lesson Timeline

Warm-up	10 min
Activity 1	10 min
Activity 2	15 min
Activity 3	15 min
Lesson Synthesis	10 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 1, Section A Checkpoint

Standards Alignments

Addressing K.CC

Student-facing Task Statement

Lesson observations

Student Responses

- Say the count sequence to 10.
- Say one number for each object.
- Answer how many without counting again.
- Recognize and name groups of 1, 2, or 3 objects or images without counting.
- Recognize and name groups of 4 objects or images without counting.
- Show quantities on fingers.
- Identify groups with the same number of objects (for groups of up to 4 objects).