

# **Lesson 1: Compare Lengths**

### **Standards Alignments**

Building OnK.MD.A.2Addressing1.MD.A.1, 1.NBT.B.3, 1.NBT.C.4, 1.NBT.C.5, 1.OA.C.5, 1.OA.C.6Building Towards1.MD.A.1

### **Teacher-facing Learning Goals**

- Compare the length of objects by lining up the endpoints.
- Order three objects by length and use language such as "shorter than" and "longer than" to describe the relationship between the lengths.

#### **Lesson Purpose**

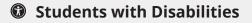
The purpose of this lesson is for students to compare the length of objects by lining up the endpoints and order objects by length.

In kindergarten, students compared the length of two objects directly by lining up the endpoints. They described the objects using language such as longer and shorter. In this unit the words "longer than" and "shorter than" are encouraged, although students may use "taller than" in certain contexts related to height.

In this lesson, students compare the length of objects and consider how they know which is longer or shorter. Then, they order three objects by length.

The materials used in this lesson will be used again in the next lesson.

### Access for:



• Representation (Activity 1)

# S English Learners

• MLR2 (Activity 1)

### **Instructional Routines**

Notice and Wonder (Warm-up)

# **Student-facing Learning Goals**

• Let's compare and order objects by length.

### **Materials to Gather**

- Connecting cubes: Activity 1
- Materials from a previous activity: Activity 2
- Materials from previous centers: Activity 3
- Objects of various lengths: Activity 1

### **Lesson Timeline**

Teacher Reflection Q	uestion
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Warm-up	10 min
Activity 1	15 min
Activity 2	10 min
Activity 3	15 min
Lesson Synthesis	10 min

Reflect on how you can reinforce the work done in today's lesson outside of math class. When can you ask students to compare the length of objects around them?

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

① 0 min

Unit 6, Section A Checkpoint

### **Standards Alignments**

Addressing 1.MD.A.1

### **Student-facing Task Statement**

Lesson observations

#### **Student Responses**

- Compare objects directly by lining them up at an endpoint.
- Use precise language ("longer than", "shorter than") to describe and compare lengths of objects.
- Order three objects by length.