

## Lesson 5: Measure in Meters

### Standards Alignments

Addressing 2.MD.A.1, 2.MD.A.3, 2.NBT.A.2

Building Towards 2.MD.A.2

### Teacher-facing Learning Goals

- Use standard rulers and meter sticks to measure length in centimeters and meters.

### Student-facing Learning Goals

- Let's measure length in meters.

### Lesson Purpose

The purpose of this lesson is for students to learn that the **meter** is a larger unit of metric length measurement.

In previous lessons, students measured and estimated varied lengths in centimeters. They measured using centimeter cubes and centimeter rulers.

In this lesson, students measure longer lengths and identify the need for a more appropriate length unit and tool for these measurements. Students use meter sticks to measure strips of tape on the floor, which represent the measurements of a variety of reptiles. Students recognize that a meter stick makes measuring longer lengths easier.

### Access for:

#### Students with Disabilities

- Engagement (Activity 2)

#### English Learners

- MLR2 (Activity 2)

### Instructional Routines

Choral Count (Warm-up)

### Materials to Gather

- Base-ten blocks: Activity 1
- Metersticks: Activity 2
- Rulers (centimeters): Activity 1, Activity 2
- Tape (painter's or masking): Activity 1

## Lesson Timeline

Warm-up	10 min
Activity 1	20 min
Activity 2	15 min
Lesson Synthesis	10 min
Cool-down	5 min

## Teacher Reflection Question

Reflect on who participated in math class today. What assumptions are you making about those who did not participate? How can you leverage each of your students' ideas to support them in being seen and heard in tomorrow's math class?

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

 5 min

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Addressing 2.MD.A.1, 2.MD.A.3

#### Student-facing Task Statement

Noah held a gecko at the zoo. The length of the gecko fit in his hands. He measured it and said it was about 13 meters long.

Do you think his measurement is correct? Why or why not?

#### Student Responses

Sample responses:

- No, that would be way too long. I think he means 13 centimeters, not meters.
- If it fit in his hands it couldn't be 13 meters. 1 meter is way longer than his hands.