

# Session 35: Conversion of Length

Session Title	Conversion of Length
Objective	By the end of this lesson, students will b  <div><div>1. Identify different units of length (mi km).</div><div>2. Convert between these units using and interactive activities.</div><div>3. Apply length conversions in real-life</div></div>
Concept	Exploring the World of Length Conversic
Materials Required	<div><div>1. Chalk</div><div>2. Board</div><div>3. Ruler</div><div>4. Scale, Measuring tapes</div><div>5. Conversion table/ Chart</div></div>
Methodology	Activity and SEL-based
Session Duration	90 Minutes

## Introduction Activity (30 minutes)

### Measurement in Motion (20 minutes )

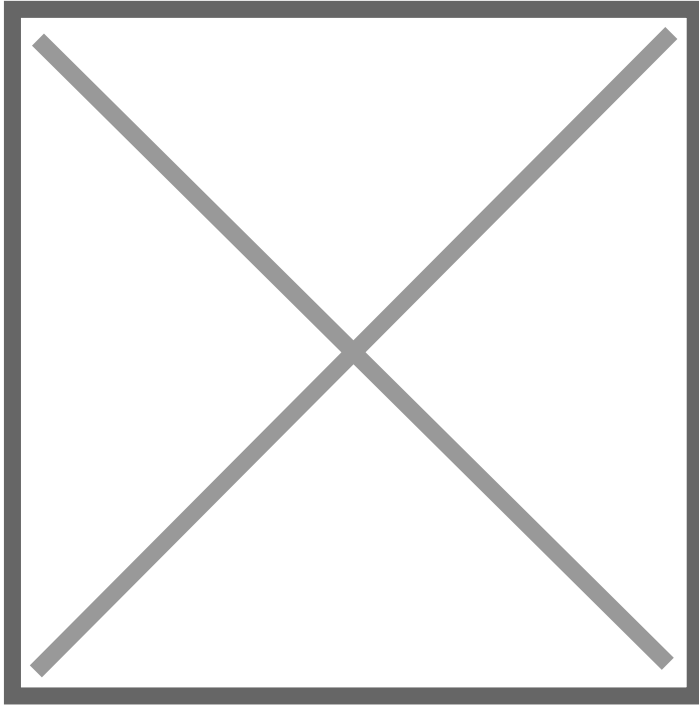
Make students into small groups:-

Ask students to estimate and then measure everyday classroom objects (e.g., a pen, desk, board, bench, floor).

They measure using different units (mm, cm, m) and compare results.

Discuss: Why do we need different units for measurement?

(Draw the picture given below on a chart)



### **Explain the units of length (10 minutes)**

Use hand movements (e.g., small steps for mm, bigger steps for meters) to make it kinesthetic.

## **Main Activity (55 minutes)**

### **“What’s the Best Unit?”- Discussion ( 10 minutes)**

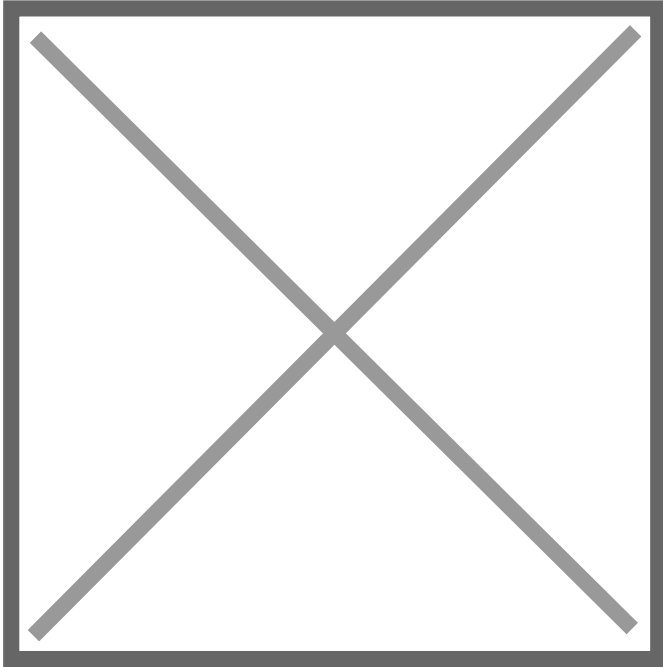
Present scenarios:

- Measuring a road length (km or m?)
- Measuring a pen (cm or mm?)
- Height of a tree (m or cm?)
- Tailor measuring Fabric ( cm or m )
- Doctor measures the height of a child during the check up ( mm or cm)
- Measuring football field ( cm or m )
- Measuring the thickness of a coin ( mm or cm )

- Laying tiles on the floor ( cm or m )

### Converting Method (35 minutes)

(Draw the picture given below on the board)



Display the conversion table and explain relationships (e.g., multiplying/dividing by 10, 100, 1000).

1. Convert 5 meters to centimeters.
2. Convert 200 centimeters to meters.
3. Convert 3 kilometers to meters.
4. Convert 1,500 millimeters to meters.
5. Convert 4.5 meters to millimeters.

## Review Questions(10 minutes)

1. How many centimeters are there in 1 meter?
2. Your height is 160 cm. Express it in meters.

# Follow up Tasks ( 5 minutes )

## Home work

1. The rope is 2.5 meters long. How many centimeters is it?
2. A pencil is 140 mm long. Convert it to centimeters.

## Expected Learning Outcome:

### Knowledge building-

- Identify different units of Length
- Inquiry based discussion ( why do we convert? )

### Skill Building-

- Contextual understanding
- Critical thinking

---

Revision #6

Created 1 May 2025 09:58:38 by iLab

Updated 6 May 2025 07:02:32 by iLab