

Grade 4 Rationalized Mathematics Lesson Plans Term 2

WEEK 1: LESSON 1

SCHOOL	LEVEL	LEARNING AREA	DATE	TIME	ROLL
	GRADE 4	MATHEMATICS			

Strand: Measurement

Sub Strand: Length

Specific Learning Outcomes:

By the end of the lesson, learners should be able to:

- Identify centimetre as a unit of measuring length in real-life situations.
- In pairs, measure lengths of given objects in centimeters using a metre rule or tape measure.
- Appreciate the use of meters and centimeters in measuring distances in real life.

Key Inquiry Question(s):

- Why do we measure distances in real life?

Learning Resources:

- KLB Mathematics Grade 4 pages 79-90
- Metre rules or tape measures
- Various everyday objects for measuring (e.g., books, pencils, desks)

Organisation of Learning:

Introduction (5 minutes)

1. Start by reviewing the previous lesson on measurement.
2. Pose the key inquiry question to the class: "Why do we measure distances in real life?"
Allow students to share their thoughts.
3. Guide learners to read and discuss relevant content from the learning resources, emphasizing the concepts of centimeters and meters.

Lesson Development (30 minutes)

Step 1: Understanding Centimeters

- Introduce the concept of centimeters as a unit of measuring length.
- Show examples of where we use centimeters in real life (e.g., measuring height, length of items).

Step 2: Demonstration

- Demonstrate how to use a metre rule or tape measure effectively. Show how to align the object being measured with the zero mark and read the measurement at the other end.

Step 3: Pair Activity - Measuring Objects

- Divide the class into pairs and distribute metre rules or tape measures.
- Provide each pair with a list of objects around the classroom or outside (e.g., book length, desk height) to measure in centimeters, recording their results.

Step 4: Class Discussion on Measurements

- Have pairs share their measurements with the class. Discuss any variations they might have encountered and reaffirm the importance of accurate measuring.
- Encourage students to ask why different objects might have different lengths and the importance of using standardized units.

Conclusion (5 minutes)

1. Summarize the key points of the lesson:
 - What a centimeter is and where it's used.
 - How to measure objects correctly.
 - The importance of measuring accurately in everyday life.
2. Conduct a brief interactive activity where students guess the length of an object in centimeters and then check their guesses.
3. Prepare learners for the next session by previewing the topic of converting units of measurement.

Extended Activities:

- Art Project: Have students create a length chart of different items they measure at home and decorate it creatively.
- Field Activity: Plan an outdoor scavenger hunt where students find and measure items around the schoolyard, applying their measurement skills in a fun way.
- Measurement Diary: Encourage learners to keep a diary for a week where they measure and record different distances or lengths of objects they interact with in their daily life.

Teacher Self-Evaluation: