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FREE LEARNING NOTES FOR ZAMBIA

GRADE 2 · TERM 3

Mathematics

Measure

Lesson notes for learners · Competence-Based Curriculum

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Measures help us in everyday tasks. We need to know how long something is, how heavy it feels, how much a container can hold and what time an activity happens. In this note you will learn the main words of measuring.

AFTER THESE NOTES YOU SHOULD BE ABLE TO

- Say what length, weight and capacity mean
- Say what a measurement tool and a unit are
- Say why measuring helps us in daily life

KEY WORDS

Length	How long something is from one end to the other.
Weight	How heavy an object is.
Capacity	The amount a container can hold.
Unit	A fixed standard used to describe a measurement.
Perimeter	The total distance around the outside of a shape.

1 Why we measure

Measures help us in daily life, such as pouring water, carrying items or keeping track of routines. We can say how long something is, how heavy it feels, how much a container can hold or what time an activity happens.

Measuring also helps us describe and compare things around us correctly. We use our sense of touch and real things to learn it.

2 Words of measuring

Length tells us the distance between two points. Weight tells us how heavy an object is. Capacity tells us how much space is inside a container, usually for liquids.

Measurement tools are things we use to find the size, amount or quantity of something. A unit is a fixed standard of measurement. Perimeter is the total distance around the outside of a shape.

Word	Meaning
Length	How long something is
Weight	How heavy something is
Capacity	How much a container can hold
Perimeter	Distance around a shape

Figure 1. Words of measuring

TRY THIS

Pick up a cup and a bucket at home. Tell an adult which one can hold more water.

REMEMBER

- Length is how long something is
- Weight is how heavy something is
- Capacity is how much a container can hold
- A unit is a fixed standard of measurement
- Perimeter is the distance around a shape

? Check yourself

1. What is length.
2. What is capacity.
3. What is weight.
4. What is perimeter.
5. Mulenga's mother asks him to pour water from a bucket into a cup and then a jug at home. He wants to know which container can hold more. (a) What do we call how much a container can hold. (b) Which tool word names things we use to measure. (c) Why is measuring useful in pouring water.
6. Chanda carries a bag of maize and a bag of groundnuts to the market in Feira and feels one is heavier. Her aunt asks her to explain. (a) What do we

call how heavy an object is. (b) Which of the two words, length or weight, is that. (c) Name one other thing we can measure.

ANSWERS

1. How long something is from one end to the other.
2. The amount a container can hold.
3. How heavy an object is.
4. The total distance around the outside of a shape.
5. (a) Capacity. (b) Measurement tools. (c) It helps us know how much to pour.
6. (a) Weight. (b) Weight. (c) Length, capacity or time.

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