

Each picture wants to speak . Please guide them by selecting correct statement from Help box.

HELP BOX

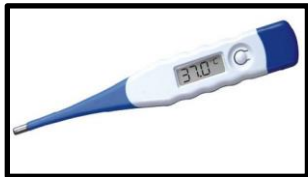
**Tailor uncle's friend, I always run to guide your time table, I am the friend of vegetable vendor,
You use me in your drawing class, Mom search for me when you get fever**

1



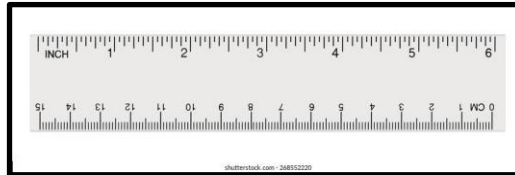
I am the friend of vegetable vendor

2



Mom search for me when you get fever

3



You all want me in your drawing class

4



I always run to guide your time table.

5



Tailor uncle's friend

SESSION : 17
CLASS : III
SUBJECT : SCIENCE
CHAPTER NUMBER : 9
CHAPTER NAME : MEASUREMENT
**SUB-TOPIC : INTRODUCTION ON MEASUREMENT,
MEASUREMENT OF LENGTH**

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE :

Learners will be able to know –

- Why we measure things,
- Standard and non-standard units of measurement.

Observe the picture and answer the following.



A. Who is heavier ?
Elephant



B. Who is taller ? **Shyam**



C. Which is cold ?
Coffee in glass

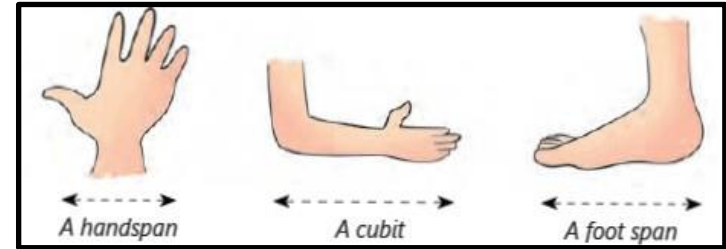


D. Which contains more milk? **Bottle**

How you could able to answer all these ? **Ans: Measurement**

MEASUREMENT OF LENGTH.

- In the past people used to measure lengths with their hands and feet.
- They were using three types of measuring units.
- The handspan.
- The cubit
- The footspan
- Measurement using handspan, footspan or cubit is not accurate.
- These are called non-standard units of measuring length.



MEASUREMENT OF LENGTH:

We need standard unit of measuring length so that lengths are measured uniformly and correctly all over the world. Standard units are of equal size and do not change.

- They are metre and centimetres
- Short lengths are measured in centimetres.
- Longer lengths are measured in metres.
- Rulers, metre rods and measuring tapes are commonly used for measuring length.



Ruler



Measuring Tape



Meter Rod

Let's Answer:

Answer the following questions.

1. Why do we measure things?

Ans :-We measure things to find out their size or amount.

2. How did people measure length, many years ago?

Ans:-People used to measure length many years ago by using their hands and feet.

3. Why do we need standard units to measure things?

Ans:-We need standard units for measuring things because they are fixed units and do not change when measured by different people or at different places.

Summary:

- Measurement is finding out the size or amount of something.
- Measurement using handspan, footspan or cubit is not accurate.
- Handspan, footspan and cubit are called non-standard units for measuring length.
- Length is measured in centimetres and metres.

LEARNING OUTCOME:

Learners will able to learn -

- Why we measure things?
- Standard and non-standard units of measurement.

HOME ASSIGNMENTS

- List out the things used for measuring length in notebook.

THANKING YOU
ODM EDUCATIONAL GROUP