

St. Andrews Scots Sr. Sec. School
9th Avenue, I.P. Extension, Patparganj, Delhi-110092
Session: 2024-2025

Class: III

Subject: Science

Lesson -13 Measurement

- **Reading of the chapter**
- **Explanation (will be done in class)**

(Textbook Exercises)

A. Tick the correct answer

- 1)(b) Cubit
- 2)(a) Kilometres
- 3)(b) Litre
- 4) (c) Second

B. Fill in the blanks.

- 1) Heavy, Light
- 2) Non-Standard
- 3) Temperature
- 4) Weight

C. Circle the odd one out

- 1) miligram
- 2) gram
- 3) metre rod
- 4) kilogram

D. What do we measure using the following?

Time, Length, Weight, Temperature, Capacity.

Notebook Work

New Words

- 1) Standard units
- 2) Weight
- 3) Capacity
- 4) Quantity
- 5) Temperature
- 6) Celsius
- 7) Fahrenheit
- 8) Instrument
- 9) Thermometer
- 10) Interval

Defines

1. Metre rod- Rod of iron or steel used to measure length.
2. Digital thermometer – Thermometer that shows temperature in mathematical digits.
3. Measuring – Ascertain the size, amount, degree or something.

Fill in the blanks

1. Weight of an object tells us how **heavy** or **light** that object is.
2. Handspan is **non-standard** unit of measurement.
3. Thermometer is used to measure **temperature**.
4. **Weight** is measured by physical balance.

Short Question /Answers

1. Name any three non- standard units of measurement of length.

Ans. Handspan, cubit and footspan.

2. Why do we need standard unit of measurement?

Ans. We need standard unit of measurement because the measurement remains the same everywhere.

3. What is capacity? Name the instruments used to measure capacity.

Ans. Capacity is the quantity of liquid that a container can hold.

Capacity can be measured using measuring cylinders.

4. How many centimetres make a metre.

Ans. $100\text{cm} = 1\text{m}$

5. What is time? Name two units to measure.

Ans. Time is a measure of the interval between two events. Two units to measure time are hour and minute.

Long Question/Answers

1. What do you understand by the term weight? Name the instruments used to measure weight. Name the standard unit of weight.

Ans. Weight tells us how heavy or light an object is. Weight can be measured using weighing machine, physical balance, spring balance and electronic balance. The standard unit to measure weight is kilogram.

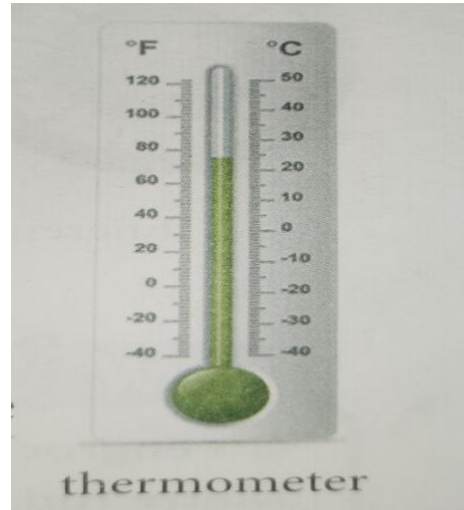
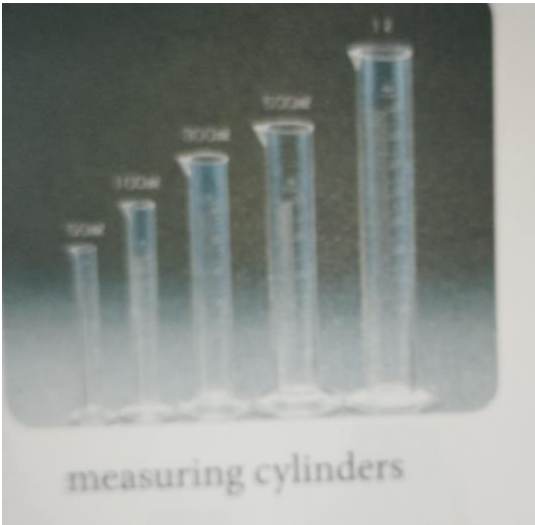
2. What is length? Write the standard unit of length. Name the instruments used to measure length.

Ans. A distance from one point to another point is called length. The standard unit of length is metre. Length can be measured using metre rod, measure tape and ruler.

3. What is temperature? Name two units in which temperature is measured. How do we measure the temperature of our body?

Ans. Temperature is the measure of hotness and coldness of a body. Celsius and Fahrenheit are two units to measure the temperature. Thermometer is used to measure the temperature of our body.

Diagrams



Activity

From the newspaper, find out the minimum and maximum temperature of the day. Write down in your science notebook.