

Measurement - Standard Units

Chapter 6: Measurement - Standard Units · Topic 1

Key Concept

Standard units, agreed upon internationally, ensure that a metre or kilogram means the same thing everywhere in the world.

Length is measured in millimetres, centimetres, metres, and kilometres, depending on how long the object is.

Weight is measured in grams and kilograms, while capacity (liquid volume) is measured in millilitres and litres.

Using standard units helps us communicate measurements clearly and compare things accurately, no matter where we are.

Quick Revision Notes

- Standard units are agreed upon internationally.
- A metre means the same thing everywhere.
- Length units include millimetres, centimetres, metres, kilometres.
- Weight units include grams and kilograms.
- Capacity units include millilitres and litres.
- Standard units help clear communication.
- They help accurate comparison.
- Standard units are used worldwide.

Practice Questions

- 1 Measure the length of your room in metres.
- 2 Convert 100 centimetres to metres.
- 3 Find an object that weighs about 1 kilogram.
- 4 Discuss why standard units are useful worldwide.
- 5 Measure a liquid in millilitres (with help).
- 6 List units used for length, weight and capacity.