



Y2- Measure- Length and Height

MATHS KNOWLEDGE ORGANISER



ESSENTIAL VOCABULARY	
Length	Measurement of something from end to end.
Short	Measuring something that is of a short distance.
Long	Measuring something that is of a long distance.
Height	The measurement of something from head to foot or base to top.
Tall	Something or someone that is long in height or length.
Measure	Using a piece of equipment to measure the length, height, weight, mass or capacity of something or someone.
Ruler	A wooden piece of plastic or wood use to measure length in CM or M.
Tape Measure	A piece of equipment used to measure the length or distance of something.
Centimetre	A unit of measurement in length or size.
Metre	A unit of measurement in length or size.
Compare	Realise what is the same and different about something.
Order	Putting things in order by their value.

Visual Representation and Key concepts

Measure from zero.

This ruler measures in **centimetres (cm)**. The paintbrush is 8cm long.

This ruler is to scale.

The giraffe is **taller** than the lion.
The lion is **shorter** than the giraffe.

4m > 1m

We can measure the length or height of larger objects in **metres (m)**.
The girl is 1m and 20cm tall.

We can use metre sticks, trundle wheels or tape measures.
1 metre = 100 centimetres

Stem Sentences

The Pencil is than the
The pen is longer than the
This object iscm.
The mass of this object isg/kg/

Key concepts

The pencil is **shorter** than the pen.
The pen is **longer** than the pencil.

7cm < 10cm

LINKS TO PREVIOUS LEARNING

Choose and use appropriate standard units to estimate and measure length / height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.

Maths Mastery

There are 3 flowers: a pink, a purple and a yellow one.
The pink one is the tallest.
The yellow is smaller than the pink one.
The purple one measures 3cm more in height than the yellow but 2cm less than the pink.
Put the flowers in order of height from smallest to tallest.