### Year 2 Maths: Measure: Length and Height



## What should I already know?

- That objects can be measured and compared by looking at how long/tall or short they are.
- That we can use a ruler to measure the length/height of an object in centimetres (cm).

## Key Knowledge Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); to the nearest appropriate unit using rulers and measuring vessels. Measure in metres (m) Measure in centimetres (cm) Here are two different coloured metre sticks. 1m 1m The line is **12cm long**. The tower is **5cm tall**. hed is **3m tall**.

# nd heights shortest longest

# Height Centimetre (cm) Metre (m) Order Four operations

Length

# Stem Sentences: The start/end of the object is lined up with \_\_\_\_\_ cm/m. The length/height of the object is \_\_\_\_\_ cm/m. cm is short for \_\_\_\_\_. The object is \_\_\_\_\_ metre sticks long/tall. m is short for \_\_\_\_\_. \_cm/m is greater/less than \_\_\_\_\_. \_ is longer/taller than \_\_\_\_\_\_.

double.

Key Vocabulary and definitions

or object (long.short).

to top (tall/short).

can use a centimetre ruler.

A standard unit of meaure for

longest or shortest to tallest.

Addition (+), subtraction (-),

longer/taller objects. 1m = 100cm.

multiplication (x) and division  $(\div)$ . Language linking to multiplication:

Language linking to division: half.

The distance between two ends of a line

A standard unit of measure for smaller

objects. To measure in centimetres, you

Arrange in a given way, e.g. shortest to

The measurement of someone or something from head to foot or bottom

The line I have drawn is 6cm long.			The car is <b>4m long</b> . The si		
Compare lengths and heights Greater than, less the			nan, equal to	<u>Order lend</u>	gths ai
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 cm	8cm is shorter than 13cm. 13cm is longer than 8cm.	18 cm < 1	7 metres 8 m 32 centimetres		c m
Four operations with	Max's ribbon is 6cm lot than Kim's.  Max's ribbon plus Jo's ribbon equals 27cm	The house is The garage is It is <b>3m tall</b> .	s <b>half</b> as tall.	tallest — 7 cm shortest — ht of the garage.	10 cm