

Key Instant Recall Facts

Y3 – Spring 1



I can estimate and measure length and mass (weight)

It is important that you know which units are appropriate for measuring different quantities. For example, it is best to measure a pencil in centimetres not metres, and kilograms not grams are used to measure quantities of potatoes.

It is also important to be able to convert between different units of measure. For example, to know that $10\text{mm} = 1\text{cm}$, $100\text{cm} = 1\text{m}$ and $1000\text{g} = 1\text{kg}$

This understanding is best embedded through practical activities so this term your maths homework each week is to do one of the following:

- Gather a collection of different sized objects. Estimate the length/weight of each one. Then use a ruler, tape measure or weighing scale to find the actual measure. How good was your estimate? Which is the best unit to measure it in (mm, cm or m/g or kg)?
- Bake a cake making sure you measure all ingredients accurately.
- Estimate the length and width of your bedroom then measure it. Draw a plan of your room and label the length of the parts in **a)** cm and **b)** metres and cm
- Estimate your own mass (weight). Then weigh yourself (and other family members if they're willing). How accurate was your estimate? List the weights as kg and g.
- Estimate and measure your height and that of family members.
List heights as **a)** cm **b)** m and cm
- Complete the measures activities set as 2Dos on Purple Mash.
- Play some of the following measure-themed computer games:
<https://www.ictgames.com/mobilePage/mostlyPostie/index.html>
<https://www.topmarks.co.uk/ordering-and-sequencing/coconut-ordering>