



Units of Measure Home Information Sheet

Second Level (a)



I can use my knowledge of the sizes of familiar objects or places to assist me when making an estimate of measure.

MNU 2-

11a

I can use the common units of measure, convert between related units of the metric system and carry out calculations when solving problems.

NMU 2-11b

Over the next few weeks we are going to be learning to:

- Understand that estimating means making an informed guess using our prior knowledge
- Estimate the size of familiar objects in standard units, e.g. length of pencil, weight of a book, capacity of a jug
- Explain and justify our estimations and choice of measuring instrument
- Check the accuracy of our estimations by measuring
- Read scales, including those where each calibration is not labelled
- Know standard (metric) units of measurement, e.g. mm, cm, m, km, g, kg, tonnes, ml, l
- Understand the link between the metric system and place value
- Convert between units of measurement by multiplying or dividing
- Decide on the information required to solve real life, practical tasks, e.g. edging costs £3.60 per metre. Work out the cost of replacing the edging on your desk

Here are some ideas of how you can help me at home!

Measuring at home or work Tell your child about a time when you recently used a measuring device. Discuss whether you used metric or imperial units, the equipment used, and whether you had to do any conversions (e.g. cm to m).

Measure search around the home Ask children to look around the house, especially in the kitchen, for examples where measurements are recorded. They find and record the examples, listing the item, the unit of measure used and the equipment that might be used to measure this.

Estimate length around the home Ask your child to establish how wide their hand span is. At home they use their hand span measurement as a guide to estimate the length of different objects. They record the item, their estimate in hand spans and the estimate in cm. For example, radiator: about 6 hand spans; my hand span is 12 cm, so the radiator is about 70 cm.

Heavier than, lighter than Ask children to choose an item to be a reference weight (e.g. apple, tennis ball, shoe, tin of beans). At school they weigh their item. Then at home they find three items which are lighter and three that are heavier. They record the items and estimate the weight of each.

Here are some websites that you may find useful to use with me!

Scales - <http://www.ictgames.com/weight.html>

Measure it! - <http://www.funbrain.com/measure/>

