



## Measure Home Information Sheet

First Level (b)



*I can estimate how long or heavy an object is, or what amount it holds, using everyday things as a guide, then measure or weigh it using appropriate instruments and units.*

*MNU 1-11a*

*I can estimate the area of a shape by counting squares or other methods.*

*MNU 1-11b*

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

- Develop an appreciation of the need for standard units of measurement, i.e. metre, centimetre, litre etc.
- Appreciate that getting to know the size of common units, and practising judging the size.
- Identify, select and use a range of measuring instruments, appreciating the need for accuracy.
- Record measurement using standard abbreviations, e.g. cm, m, g, kg, l, ml
- Use the language of measurement in practical problem solving tasks.
- Judge whether their measurements and results are reasonable.
- Through practical investigation, identify the square as the most appropriate unit for measuring area.
- Develop an understanding of the need for a standard unit, through measuring the area of the same surface with different sized square tiles.
- Use vocabulary related to area (e.g. area, surface, estimate, approximate(ly), greater) in practical problem solving tasks.

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

**Rulers 50cm paper strips** - Your child makes a rule by marking a strip of paper (about 50 cm long) using their own hand spans. Do the same with your and other family members – discuss, is mine the same as yours?

**Bigger or smaller** – Draw around your child's hand and record in square centimetres the approximate area of the palm of their hand, and of the circle they make by touching their forefinger and thumb together. They use this knowledge to estimate the areas of 5-10 objects at home.

**Containers** – Ask your child to look for containers whose contents are measured in millimetres and record the container and amount, collect all the different results and put them in order.

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

Bamzooki - [http://www.bbc.co.uk/bitesize/ks2/mathsshape\\_space/measures/play/popup.shtml](http://www.bbc.co.uk/bitesize/ks2/mathsshape_space/measures/play/popup.shtml)

Alien cookbook-  
[http://www.bbc.co.uk/schools/starship/mathsgames/alien\\_cookbook/small\\_sound/standard.shtml](http://www.bbc.co.uk/schools/starship/mathsgames/alien_cookbook/small_sound/standard.shtml)

Pour to score - <http://pbskids.org/cyberchase/math-games/pour-score/>