



## Measure Home Information Sheet

### First Level (a)



*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:

- Be able to estimate length, mass and capacity by making direct comparisons, e.g. the book is heavier than the pencil but lighter than the stone.
- Investigate the length, mass or capacity of the same item using a range of non-standard units and discuss our observations.
- Use the language of measurement in practical problem solving tasks.
- Judge whether our measurements and results are reasonable.
- Know that the area of a shape is the whole surface of the shape.
- Choose from a range of non-standard units to find area and be able to evaluate their suitability for the task.
- 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!

**Measuring the family** - Your child draws their family members, putting them in order of height. Then they draw them in order of age. Talk about whether the two orders are the same.

**Non-standard units at home** – Give your child a list of 10 things they are likely to have at home, e.g. TV, magazine, toothbrush, mug, spoon. Your child chooses a **body** unit of measure such as their finger width or hand span to measure the lengths of five of these objects.

**Heaviest/lightest** – Your child chooses five objects from around the home and draws them in order, from (estimated) heaviest to lightest.

**More/less cup** – You will need to work over the sink. Your child chooses a cup and finds three containers that hold more and three that hold less.

**Larger/smaller** – Your child chooses an object at home (e.g. newspaper sheet, DVD case, flattened biscuit wrapper). Find and draw two flat objects that they think have a larger area and two with a smaller area.

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

Reading measures -

[http://www.bgfl.org/bgfl/custom/resources\\_ftp/client\\_ftp/ks2/maths/measures/index.htm](http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks2/maths/measures/index.htm)

Harbour measurements -

[http://www.bbc.co.uk/bitesize/ks1/maths/length\\_and\\_weight/play/](http://www.bbc.co.uk/bitesize/ks1/maths/length_and_weight/play/)

Fish catch - <http://www.pbs.org/parents/education/math/games/first-second-grade/time-to-move/>

