Units of Measure Home Information Sheet

Second Level (c)

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:

- Practise estimating to improve accuracy
- Read scales, including those where each calibration is not labelled
- Solve "real life" problems involving measurement by adding, subtracting, multiplying and dividing, changing all measurements to common units where necessary
- Give a clear written or verbal account of how a problem was solved, including all relevant calculations

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

A room plan *cm squared paper* Ask children to choose a room at home and draw a floor plan of this room on cm squared paper. They use steps to measure the dimensions of the room and furniture items and mark these on their plan, writing the scale on their plan, i.e. 1 cm:1 step.

Make up a problem *prepared plan* Using the plan made in 'A room plan' or another prepared plan, ask children to use the plan as the basis for problems to be asked and solved. For example, If one of my steps is 25 cm then how long is my bed? Back in class children can swap and try to answer each other's problems.

The need for accuracy? Ask children to think of situations (at home or at work) where people need to measure accurately or where an estimate will be adequate. Remind them that measuring involves area, perimeter, length, weight, capacity and volume. They write two headings, Accurate and Estimate, and record examples under the headings. Back in class they share and discuss their examples.

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

The Interactive Thermometer -
http://www.mathsisfun.com/measure/thermometer.html

A selection of measurement games -
http://www.sheppardsoftware.com/math.htm#measurement