**Instructions for Centres**

**Master 54a**

**Length Centre**

**Task A: Estimating and Measuring Length**

* Find an object whose length you would measure in millimetres.

Find an object whose length you would measure in centimetres.   
Find another object whose length you would measure in metres.

* Estimate the length of each, then measure to check.
* How close were your estimates?  
  Is any object more than 100 cm long?   
  More than 2000 mm long? Explain.

**Task B: Converting Between Units**

* Find an object whose length you would measure in inches.
* Measure its length to the nearest inch,   
  then convert the measure to centimetres.
* Measure with a centimetre ruler to check your conversion.
* Find an object whose length you would measure in yards.
* Measure its length to the nearest yard,   
  then convert the measure to metres and to feet.
* Check your work. Describe the strategy you used.

**Instructions for Centres**

**Master 54b**

**Perimeter Centre**

**Task A: Estimating and Measuring Perimeter**

* Roll the number cubes.  
  Use the numbers rolled to make a two-digit number.  
  Record the number.
* Find something in the classroom that has a perimeter of about that many centimetres.
* Measure to check.
* How close was your estimate to the actual measure?

**Task B: Drawing Shapes with the Same Perimeter**

* Roll the number cubes.  
  Use one number for length and the other for width.
* Draw a rectangle on 1-cm grid paper with that length and width. Find its perimeter.
* Draw three more shapes with the same perimeter.