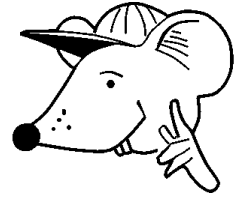




MATHEMATICS



N.S. Yr. 3 P.75

**Suggest suitable units
to estimate and measure**

Equipment

Paper, pencil, ruler
Various items to measure round

MathSphere

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Concepts

This work continues from year 2, with many similar activities, but a greater emphasis on standard units and mathematical language.

It is an excellent idea to have a collection of pots, cartons etc which show the capacity and wrappers which show weight. These can be grouped in various ways and comparisons made.

Choosing the correct unit to measure is important and practice can be given orally on these questions - hold up a pot and ask what you would measure the capacity in as part of the daily mental arithmetic.

How far round?

What do you think would be the best thing to measure how far it is round things?

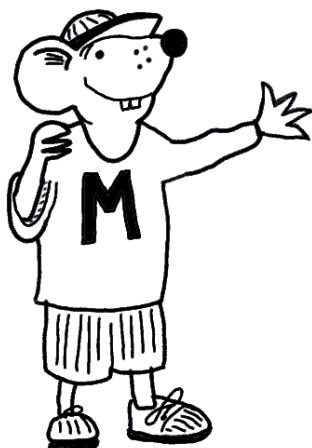


Estimate and then measure how far it is round these things.

Write down both your estimate and your measurement .

Object	Estimate	Measurement
Round a bottle		
Round a wrist		
Round a tree trunk		
Round a cup		
Round a ball		
Round a jar		
Round an ankle		
Round a pencil case		
Round a bowl		

Collect labels



Collect labels from cartons and bottles which show how much they hold in millilitres.

Sort out the labels into these groups:

Between 1 ml and 249 ml

Between 250 ml and 499 ml

Between 500 ml and 749 ml

Between 750 ml and 1 000 ml

Collect labels



Collect labels from shopping which show what weight you have bought in grams.

Sort out the labels into these groups:

Between 1 g and 249 g

Between 250 g and 499 g

Between 500 g and 749 g

Between 750 g and 1 000 g

Which unit?

centimetres

metres

kilometres

millilitres

litres

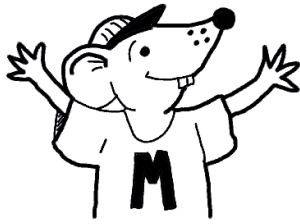
grams

kilograms



Which of the units would you use to measure these things?

A carton of milk	
A bar of chocolate	
The length of the classroom	
The height of the window	
The capacity of a bucket	
The width of a birthday card	
The distance round a tree	
The capacity of a barrel	
The distance to Paris	
The mass of a bag of carrots	



Circle which one you think is the best answer.

1. The height of a front door. a. 1 m b. 2m. c. 5m
2. A full teapot holds a. 10 ml b. 100 ml c. 1 000 ml
3. An apple weighs a. 100 g b. 300 g c. 600 g
4. The length of a car is a. 3 cm b. 3 m c. 3 km
5. A teaspoon holds a. 5 ml b. 50 ml c. 500 ml
6. A new born baby weighed a. 3 g b. 3 kg c. 30 kg
7. The petrol tank of a car holds a. 2 litres b. 50 litres c. 500 litres
8. The girl threw a ball a. 10 cm b. 10 m c. 10 km
9. The packet of sweets weighed a. 5 g b. 100g c. 100 kg
10. A can of coke held a. 3 ml b. 30 ml c. 300 ml