

Measures, Shape and Space: Activity 2

Choosing and using metric units

Task 1:

Look at the cards with items to be measured.

Now look through the set of cards with different metric units on them.

Match each item card with the metric unit card that you think is best to measure the item in.

Tip: Use the 'metric units' sheet to help you complete this task, if you can't remember some of the metric units or what they are used for.

Task 2:

Now look at the other set of cards, which have different measuring instruments or equipment on them.

Place your paired cards from Task 1 under the best measuring instrument. You may need to use each measuring instrument more than once.

Task 3:

You do not need to measure the items for this exercise, but you can have a try if there are some of these items at hand.

Metric units

Metric units for length are:

kilometre (km)	for long distances e.g. journeys
metre (m)	for medium distances e.g. room sizes, heights
centimetre (cm)	for shorter lengths e.g. clothes sizes
millimetre (mm)	for accurate measurement and small sizes e.g. fitted furniture

Metric units for weight are:

tonnes (t)	for very heavy weights e.g. lorries
kilograms (kg)	for medium weights e.g. people, heavy food
gram (g)	for light weight e.g. in cooking
milligram (mg)	for accurate weight e.g. vitamin content

Metric units for capacity are:

litre (l)	for large amounts e.g. petrol
centilitre (cl)	drinks imported from abroad can often be measured using this unit
millilitre (ml)	for small quantities of liquids and precise measure e.g. medicine

The height of a door



The width of a kitchen tile



The width of an audio cable



The weight of a bag of rice



The weight of a teaspoon of salt



The capacity of a can of cola



A dose of insulin (liquid medicine)



The capacity of a bottle of vinegar



The distance between your house and the nearest supermarket



The weight of a bag of flour



mm

cm

m

km

mg

g

kg

t

ml

cl

l

kl

ml

mm

millimetre

centimetre

metre

kilometre

milligram

gram

kilogram

tonne

millilitre

centilitre

litre

kilolitre

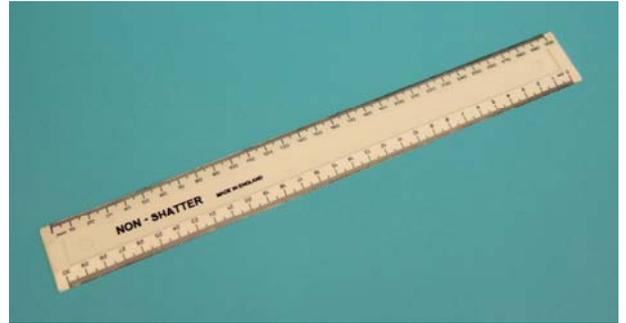
gram

millimetre

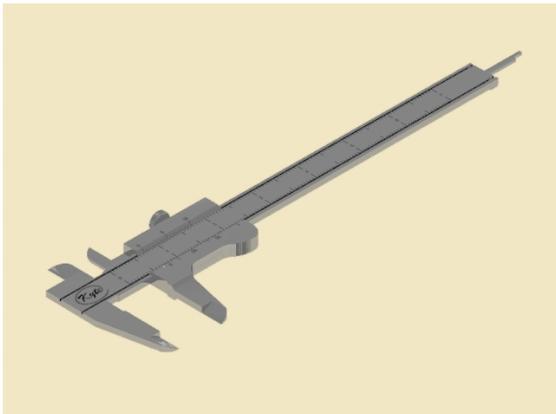
Tape measure



Ruler



Callipers



Trundle wheel



Kitchen scale



Digital scale



Measuring jug



Syringe

