



Units of Measure

The topic of measurement will involve experiencing, describing and comparing objects through practical activities to help develop pupils' understanding of key vocabulary and concepts, including length, size, height, weight and volume. Once they have secured this knowledge pupils will be taught about standard and non-standard measurements, as well as, being encouraged to use their knowledge in a variety of everyday situations, for example, cooking.

Length, Size and Height Key Vocabulary:

Big, large, small, long, short, high, low, tall, wide, narrow, deep, shallow, far, near, centimetres, metres

Weight and Volume Key Vocabulary:

Heavy, light, full, empty, more, less, push, pull, balance, holds, litre, kilogram, grams

Length, Size and Height Activity ideas:

Measuring/comparing the height of family members

Sorting big/small objects

Comparing size of shoes

Giving big and small objects e.g. when playing with playdough

Comparing length of journeys – walking and in the car

Lego e.g. make a line of bricks as long as....

How many steps between the kitchen and bedroom?

Measure with a ruler

Weight and Volume Activity ideas:

Water/sand play: filling/emptying containers

Filling bags and comparing the weight e.g. in the shops

Comparing volume e.g. which glass holds more juice?

Weighing and measuring when cooking

Balancing e.g. on a seesaw

Making drinks

How many sweets in the bag?

Which box will hold a specific item?

Websites and apps:

<https://www.topmarks.co.uk/maths-games>

http://www.bbc.co.uk/bitesize/ks2/maths/shape_space/measures/read/1/

<http://pbskids.org/games/measurement/>

<http://www.primaryhomeworkhelp.co.uk/maths/>

'A Sort By Size Game for Children'

'Drone Angles'

'M45 Balance'

'The Electric Company Prankster Planet'