



Year 1 & 2 Maths

Choose as many activities as you have time for and try to have some fun. I hope you enjoy.
Mrs Brocklehurst ☺

Measures (Mass)

Challenge 1



Find 2 different items in your house. Can you guess which is the heaviest/lightest just by looking at them? If the object is bigger, does that mean it is heavier? Why? How do you know?

Use your hands and arms to compare the weights of different objects around your home. Which are heavier or lighter? Can you find something that is heavier than a pen? Lighter than a shoe? Etc

Find at least 10 objects and put them in order from heaviest to lightest.

Year 2 Extensions

Predict (a good sensible guess) which is the heaviest/lightest.

Write some maths sentences to show your results. (E.g. Iron is heavier than an apple.
Fork is lighter than a plate.)

Challenge 2

Have you got some weighing scales in your house if so explore these and have a go at weighing some objects.

Look at scales using this

link <http://www.crickweb.co.uk/ks1numeracy.html>

Follow this link to play the balance scales activity

http://resources.hwb.wales.gov.uk/VTC/learnpremium/simple_probs/003_Pupil_activity/default.htm



Year 2 Extension

Can you weigh different objects and record their weight using grams? (Remember in Maths we use “g” for grams.)

Challenge 3

Write down some objects that you think weigh less than 400 grams.

Weigh them, were you accurate? Record your weighing in any way you like!

(Top Tip!! – If you don't have any scales – a tin of baked beans is about 400 grams! Use your hands as scales!)



Year 2 Extension To know that mass and weight is measured in grams (g) and kilograms (kg). To know that kilo=1000 therefore 1kg = 1000g.

Discuss what objects would be weighed in grams and which in kilograms. Look at the different foods in your cupboard.

Can you spot their weights? Which weigh the most and least?

Challenge 5

Problem Solving: Put these in order from heaviest to lightest.

How can you **prove** that you are right?

A blown up balloon

A bar of chocolate

A loaf of bread

Yourself

Extra Challenges for Year 2 or for anyone who wishes to try them

Click here for the link to the game: [Heavy or Light](#)

Click here for the link to play the game: [Read the Scales Game](#)

Practise counting in 2's, 5's, and 10's. Sometimes scales go up in these amounts. Weigh different objects and record the weight using "g" for grams or "kg" for kilograms.

Can you compare the items using < (lighter than) and > (heavier than)?

On-going Learning

Year 1 Practise number bonds Year 2 Practise times tables

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

Further worksheets available in the files to challenge Year 2 further if required also on webpage

Share all your great work by emailing the Academy at a3317@telford.gov.uk

I can't wait to see what you've been up to.

Enjoy and keep safe 😊

Mrs Brocklehurst