

F-2: REMOTE MATHS

EDITION 15

MEASUREMENT AND MASS - INVESTIGATIONS

Mathematical language: heft, heavy, heavier, heaviest, light, lighter, lightest, balance, scales, estimate, same, compare, kilogram.

TASK 1: HEAVY, BUT SMALL *Source: Sullivan*

- Go around the house and see if you can find something that is small but feels heavy when you lift it up and hold it.
- What did you find? Were you surprised?
- Draw a picture of what you found.



TASK 2: BIGGER OBJECTS ARE HEAVIER THAN SMALLER OBJECTS *Adapted from Sullivan*

Try and find out if the above statement is always true, sometimes true, or never true.

- Find a potato. Hold it in your hand and go around the house and find things that are bigger than the potato.
- Heft the potato and then heft these different 'bigger' objects to see if they are heavier or lighter than the potato.
- What did you find out?
- Is the above statement always true, sometimes true, or never true?
- Now draw a picture of the potato and the object(s) you found that is/are bigger but lighter than the potato.

TASK 3: COMPARING AND ORDERING THE MASS OF OBJECTS

Collect an A4 piece of paper, a spoon, a pencil, a plastic cup and a tin of food

- Without holding the items, and just by looking at them estimate which object will be the heaviest and which one will be the lightest
- Heft each object to see which are light, and which are heavy. Line them up from lightest to heaviest
- Which object was the heaviest? Which one was the lightest?
- Were your estimates correct?

EDITION 15: MEASUREMENT AND MASS (CONT.)

TASK 4: HOW HEAVY IS A KILOGRAM?

In this task you and a family member will look for items around your house that are marked as being a kilogram.

- Go around the house and find as many items as you can that have 1 kg marked on them.
- Make a list of these items
- How many items did you find?
- Now, hold each of these items.
- How do they feel – heavy or light?



Images from Pixabay.

Look out for more tasks next week!