

This week's maths focus is Capacity.



Capacity is the amount something can hold, for example the amount of water a cup can hold.

Here are some fun facts:

A Shower uses 8 litres a minute. 10 minute shower uses 80 litres of water.

Flushing the toilet uses 12 litres of water.

A Bath uses 140 litres of water.

A Swimming pool has 40000 litres.

An Olympic swimming pool 2.5 million litres.

Your task: (It is a good idea to do this in the Kitchen).

1. Collect different things from your kitchen that contains liquid, for example a drinks can, milk bottle, box or bottle of juice.
2. Look at the containers, where can you find the amount of capacity on these containers?
3. Order them from smallest to largest, according to their capacity.
4. Now you are going to estimate the capacity of different containers in your home.

Collect a range of different containers and a measuring jug.

5. Look at a container and estimate how much you think it will contain.
6. Use the table to record your work.
7. Next use your jug and pour the water into the container recording how much you used.
8. How close was your estimation?
9. Do this with lots of different containers, each time estimating, testing and recording your work.

Self-Evaluation:



Why did you think this?