

Volume and Capacity

All of the below can be found at **See Week 2 Thursday Maths

Today you are going to:

- Record capacities by referring to the number and type of uniform informal unit used.
- Calibrate a container by adding cups of water and marking the new level as each cup is added.

Capacity refers to the amount a container can hold, and can be measured in informal units such as cups. **Capacity** is only used in relation to containers and generally refers to liquid measurement.

Capacity Vocabulary



Today we are heading **outside** for maths.

What will you need?

- 5 different sized containers or jugs
- 1 measuring cup or a plastic cup to use as the uniform informal measuring unit
- A washable texta to draw a mark on the container or you could use some Blu Tack, sticker or something that you are allowed to put on the container.
- A hose/tap and bucket of water to fill
- Use table below to record your findings

1. Choose 1 container. Before measuring, estimate (guess) how many cups you think it will take to fill each container.
2. As you fill the container with one cup of water, draw a mark on the water level. Repeat this step marking each new level until the container is filled.
3. Count how many cups (texta marks) have been put in the container to make it full.
4. What is the capacity of the container? "The container holds ____ cups of water".

5. Repeat for each container.

REMINDER: Make sure the cup is full when filling and measuring your container so that our answers are accurate & correct.



Example of a container marking levels to show each cup of water added.
What is the capacity of this container? This container holds 6 cups of water.

Record your findings:

Container	Estimate	Capacity / Amount of Cups

Questions:

1. Which container has the largest capacity?
2. Which container held the **smallest** amount of water? How many cups did it hold?
3. Did any containers hold the **same** amount of water?

Enjoy lunch!