

## Maths Task 2

**If you are continuing with learning from home please complete this activity.**

We will be doing this activity in school this week, so no need to complete before/after your sessions at school.

*We will be investigating weight and capacity this week.*



### *What you will need:*

- A variety of containers of differing sizes and shapes (mild – use 3, Spicy – use 4, Hot – use 5+)
- A cup
- A large tub of water (you could even do this at bath time!)
- They may wish to have something to record on (paper, whiteboard, bath crayons, labels for containers)

### *What to do:*

- Ask your child sort the containers in order of what they think holds the least to what they think holds the most.
- How might we find out if we are correct? Encourage your child to find a way to *measure* how much water each container holds (perhaps use a cup and count how many cups are needed to fill each container)
- Can they think of their own way to *record* what they find out? They may wish to write something down or simply remember and show results by ordering the containers.
- Allow your child time to explore the containers and give them time to play.

*Please do send in your child's findings for us to see – you may wish to send photos, the written results or even a video of your child explaining what they did.*



## Questions you may wish to ask



Which container holds the least?

Which container holds the most?

Were your predictions correct?

Can you *half* fill one of your containers?

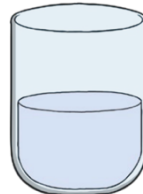


Can you fill one of the containers so that it is *almost empty*?

Can you show a container that is *full*, one that is *half full* and one that is *empty*?



How did we find out which holds the most?



Do bottles that are the same height always hold the same amount of water?

Can you fill one of the containers so that it is *less than half full*?

If you have three containers that are *half full*, does this mean they all have the same amount of water in?



Does the tallest container always hold the most water? Why/why not?

