



Weight and Capacity

Weight – how heavy something is

Capacity – how much something holds

Outdoor activities

- Water capacity outside



Using water or coloured water, water with washing up liquid – whatever you have you can measure, pour, compare how full, empty or half full/empty the bottles or containers are.

- Heavy/ light natural objects



Using whatever objects you can find outside like stones, sticks, leaves, pebbles, flowers. Can you figure out which ones are heavy or light?

Indoor activities

Ingredients

100g caster sugar

100g very soft butter

100g self-raising flour

2 eggs

1 tsp vanilla extract

For the icing

200g very soft butter

200g icing sugar

food colouring, sprinkles, marshmallows etc

- Cooking

You can do this for any kind of baking or recipe which uses scales or cups to measure with.

Here's a simple cake recipe –

<https://www.bbcgoodfood.com/recipes/iced-fairy-cakes>

- **Heavy/ light**

You could look at the objects within your house and see if they are heavy or light. If you really want a challenge you could use kitchen scales to weigh them and compare the weights. You could even order them if you want to.



- **Empty, half empty, full**

Using whatever containers, cups you have - can you make them full, empty, half full, half empty?



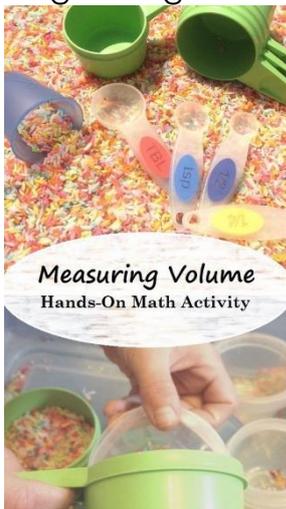
- **Bath time empty, full**

During your child's bath time can you use containers to fill to explore full, empty, half full and half empty?
You could even have several containers and order them in order of full to empty.



- **Exploring containers**

Using a range of containers and rice, sand, salt anything you have can you explore capacity and see how much you can fit in different containers?



- **Comparing weights**

You could compare different weight measurements of different things, so if a cup of flour is 100g how many kg is it?



Worksheet based activities

- **Twinkl**

Twinkl has a wealth of worksheets for your children but you do need to set up a FREE account which lasts a month. Search for 'weight' or 'capacity' in the search bar at the top and plenty of worksheets will come up.

<https://www.twinkl.co.uk/>

How do I sign up?

Step 1: Go to www.twinkl.co.uk/offer

Step 2: Enter the code CVDTWINKLHELPS

YouTube videos

- **Measure weight for kids**

<https://www.youtube.com/watch?v=ybEU-6U7s8k>

- **Sesame street heavy or light?**

<https://www.youtube.com/watch?v=bULgZSFOV98>

- **Basics of weight**

<https://www.youtube.com/watch?v=K1mYpyFDcbl>

- **Elephant mass song**

<https://www.youtube.com/watch?v=-cjPApFuGLM>

- **Comparing heavy and light**

<https://www.youtube.com/watch?v=b8oZxk4E9kY>

- **Capacity for kids**

<https://www.youtube.com/watch?v=zF3JSnEq7tU>

- **Capacity and weight for kids**

<https://www.youtube.com/watch?v=fXf4KdfNhF0>

- **Basics of capacity**

<https://www.youtube.com/watch?v=TkXxn0bJ4r0>

- **Volume and capacity**

<https://www.youtube.com/watch?v=GKCE8ohIBqE>

- **Capacity basics**

https://www.youtube.com/watch?v=z_UswOa1WME

- **Volume and capacity**

<https://www.youtube.com/watch?v=8B6a9O2rZ88>

- **Sesame street who has more milk?**

<https://www.youtube.com/watch?v=6lWnl7v9gGY>

Online Games

- **Top marks games**

A range of online games for weight and capacity

<https://www.topmarks.co.uk/maths-games/5-7-years/measures>

- **Every school games**

Weight and capacity games

<https://www.everyschool.co.uk/maths-key-stage-2-weight.html>

- **Splash games online**

Range of weight and capacity games

<https://www.splashlearn.com/measurement-games>

- **Turtle Diary**

Heavy or light game.

<https://www.turtlediary.com/game/heavy-and-light.html>

- **Kid maths games**

Range of weight games

<http://www.kidsmathgamesonline.com/logic/scalesweight.html>

- **Crick web online games**

Weight and capacity games

<http://www.crickweb.co.uk/ks2numeracy-shape-and-weight.html>

- **Math playground**

Scales game

https://www.mathplayground.com/balance_scales.html

- **ICT games**

Post Office weight games

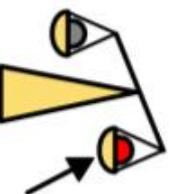
<https://www.ictgames.com/mobilePage/mostlyPostie/>



I, me, mine



help



heavy



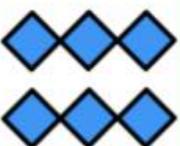
fill



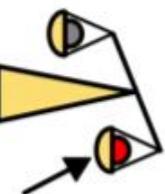
pour



look, see



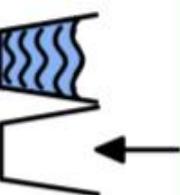
same



light



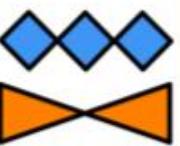
dig



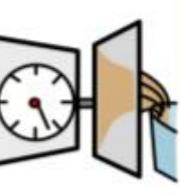
empty



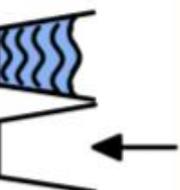
more



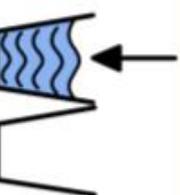
different



weigh



full



less



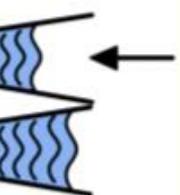
want



like



don't like



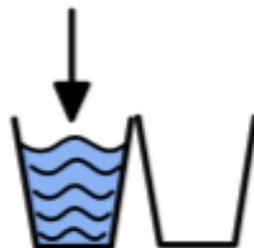
half full



I, me, mine



want



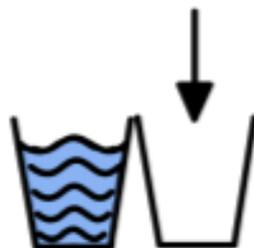
full



see, look



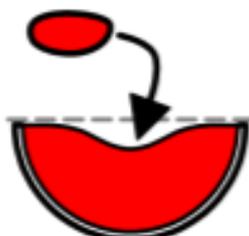
pour



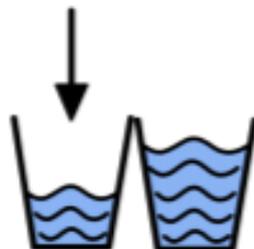
empty



help



fill



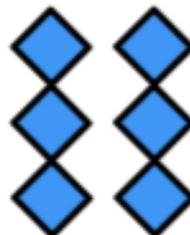
half full



heavy



light



same

