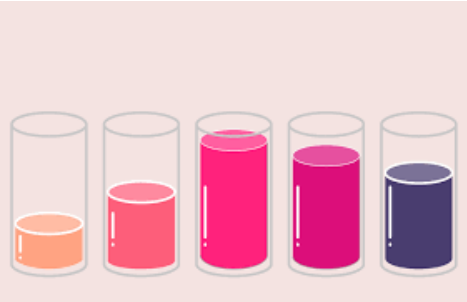
Maths Closure Activities for Year 1



Number activities	
Volume and capacity	*Hopefully this is a fun way to be outside if the sun keeps shining!* *If possible collect together containers such as plastic bottles, jugs etc.* *If you have two identical bottles. Introduce capacity and discuss that this is the amount of liquid the container can hold. Do these bottles have the same capacity? How can we find out? Investigate this together.* *Talk about volume as the amount of liquid that is in the bottle? Fill them to different levels. Which bottle do you think has a greater volume of liquid? How do you know?* *Compare different containers. Discuss whether they have the same or different capacities and how can we investigate this?* *Pour varying volumes of liquid in to the containers. Which has the greater/least volume of liquid inside? How can we tell?* *Put several containers in order of empty to full.* *Can you change the volume so that it is nearly full, half full/ ¼ full/empty?* *You could move on to an investigation.* *If you have a smaller carton of apple juice and a larger carton of orange juice, then great otherwise simply use two different containers if you can.* *How many glasses of apple juice can this carton fill? How about the carton of orange juice? So which container has the greatest capacity? How do you know?* *Which cereal box can hold the most/least? So which has the smallest/largest capacity?*

Mass and weight	You may want to introduce how we measure capacity in units eg litres and millilitres Discuss together what mass means; how heavy something is. Compare the mass of objects. You could do this by holding 2 objects. Which do you think is heavier/lighter? If you have balancing scales, weigh and compare objects/toys/ ingredients. Which has a greater mass etc? Can you balance 2 objects? Ask, do you think an object has to be big to have a larger mass? Eg an inflatable ball and a stone. You could use non standard units of measurement. For example a flowerpot weighs 20 buttons. You could look at standard units of measurement; g and kg. As usual there are plenty of Year 1 resources on Twinkl and reasoning ideas on Nrich.