





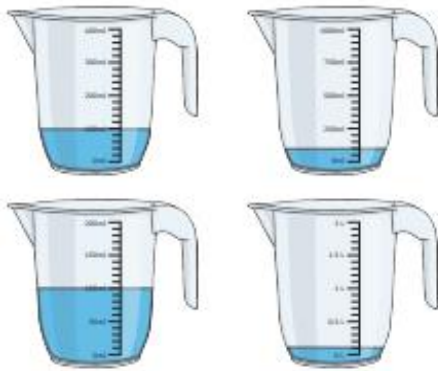



Mass and Capacity KO

Mass and Capacity		Knowledge Organiser	
Key Vocabulary	Measure and Compare Mass		
mass	<p>Scales can be used to measure grams.</p> <p>A gram is a unit of measurement that is used to measure the mass of something.</p> <p>Grams can be written as g.</p> 	<p>Scales can be used to measure kilograms.</p> <p>A kilogram is a unit of measurement that is greater than a gram. It is also used to measure the mass of something.</p> <p>Kilograms can be written as kg.</p> <p>1000g = 1kg</p> <p>To compare mass, we can use the words 'heavier' and 'lighter'.</p> 	
gram			
kilogram			
capacity			
volume			
millilitre			
litre	Measure and Compare Capacity		
lighter	<p>Capacity is the amount of liquid a container can hold.</p> <p>Volume is how much liquid is in the container.</p> <p>Measuring cylinders can be used to measure smaller volumes.</p> <p>Smaller volumes are measured in millilitres.</p> <p>Millilitres can be written as ml.</p> 	<p>Measuring jugs can be used to measure larger volumes.</p> <p>Greater volumes are measured in litres.</p> <p>Litres can be written as l.</p> <p>1000ml = 1l</p> <p>To compare capacities, we can use the word 'full'.</p> 	
heavier			
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Reading Scales	Knowledge Organiser	
Mass	Capacity	
<p>Each of the melons has a mass of 6kg but the arrows are all pointing at different points on the scales. This is because each of the measuring scales have different increments marked on them.</p>  <p>Always look carefully at how the numbers on the scales increase when reading a measurement.</p>	<p>Measuring containers all have different capacities.</p>  <p>Each of these containers contain the same volume of 100 millilitres but have different capacities and scales. Always look carefully at how the numbers on the scales increase when reading a measurement.</p>	
Add and Subtract Mass	Add and Subtract Capacities	
<p>$600g + 500g = 1100g = \mathbf{1kg\ 100g}$</p> <p>$1kg - 300g = 1000g - 300g = \mathbf{700g}$</p> 	<p>$800ml + 400ml = 1200ml = \mathbf{1l\ 200ml}$</p> <p>$1l\ 300ml - 200ml = \mathbf{1l\ 100ml}$</p> 