
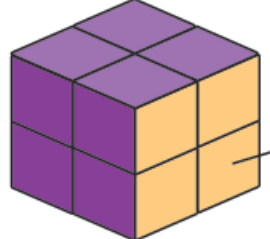

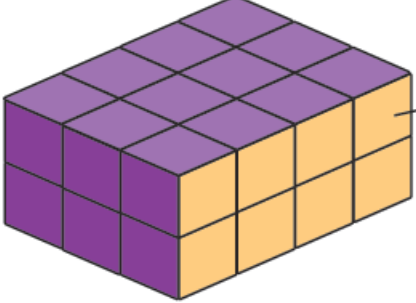



# In maths we are learning about...

Volume		Knowledge Organiser		
Key Vocabulary	Volume of Cubes and Cuboids			
cubed	<p>Volume is measured in cubed units. For example, <math>\text{cm}^3</math>, <math>\text{m}^3</math> and <math>\text{km}^3</math>.</p> <p>To calculate the volume of cubes and cuboids:</p> <ol style="list-style-type: none"> <li>1. Calculate the area of the cross-section (one face).</li> <li>2. Multiply the area of the cross-section (one face) by its depth.</li> </ol>			
area				
cross-section				
prism				
cube		<p>Area of cross section (face) = <math>2\text{cm} \times 2\text{cm} = 4\text{cm}^2</math></p> <p><math>4\text{cm}^2 \times 2\text{cm} = \text{Volume of } 8\text{cm}^3</math></p>		
cuboid				
face				
length				
height		<p>Area of cross section (face) = <math>4\text{cm} \times 2\text{cm} = 8\text{cm}^2</math></p> <p><math>8\text{cm}^2 \times 3\text{cm} = \text{Volume of } 24\text{cm}^3</math></p>		
width				
depth				