



Week	Learning	Activities
Week 1 beginning 1 <sup>st</sup> June	<p><b><u>Volume of Cuboids</u></b></p> <p>This week we will apply our knowledge of area of 2D shapes and use the formulae to calculate the volume of cuboids, including cubes.</p>	<p><a href="https://hegartymaths.com/">https://hegartymaths.com/</a></p> <p>Follow the instructions and guidance to watch the video and work through the quiz.</p> <p><a href="https://corbettmaths.com/">https://corbettmaths.com/</a></p> <p>Worksheet taken from Corbett maths</p> <p>✓</p>
Week 2 beginning 8 <sup>th</sup> June	<p><b><u>Surface Area of Cubes and Cuboids</u></b></p> <p>This week we will focus on the concept of surface area and how it differs from volume. We will focus primarily on cubes and cuboids. Students will use interactive activities or paper and scissors to consider different nets as a part of this topic.</p>	<p><a href="https://hegartymaths.com/">https://hegartymaths.com/</a></p> <p>Follow the instructions and guidance to watch the video and work through the quiz.</p> <p><a href="https://corbettmaths.com/">https://corbettmaths.com/</a></p> <p>Worksheet taken from Corbett maths</p> <p><a href="https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Cube-Nets/">https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Cube-Nets/</a></p> <p>✓</p>
Week 3 beginning 15 <sup>th</sup> June	<p><b><u>Problem solving with surface area and volume</u></b></p> <p>This week we will consider how to find the surface area and volume and apply this to some problem-solving questions e.g. 'A solid box with height 40cm, width 90cm and length 70cm needs to be painted. The paint costs £0.02 per cm<sup>2</sup>. How much will it cost to paint the box?'</p>	<p><a href="https://hegartymaths.com/">https://hegartymaths.com/</a></p> <p>Follow the instructions and guidance to watch the video and work through the quiz.</p> <p><a href="https://corbettmaths.com/">https://corbettmaths.com/</a></p> <p>Worksheet taken from Corbett maths</p>
Week 4 beginning 22 <sup>nd</sup> June	<p><b><u>Collection and Organisation of Data</u></b></p> <p>This week we will consider the collection and organisation of data. We will construct frequency tables from data and explore what makes good data.</p>	<p><a href="https://hegartymaths.com/">https://hegartymaths.com/</a></p> <p>Follow the instructions and guidance to watch the video and work through the quiz.</p>



<p>Week 5 beginning 29<sup>th</sup> June</p>	<p><b>Representing Data</b> This week we will consider different ways data can be represented. We will focus on pictograms and vertical line charts. We will explore how to draw and interpret each of these.</p>	<p><a href="https://hegartymaths.com/">https://hegartymaths.com/</a> Follow the instructions and guidance to watch the video and work through the quiz.</p>
<p>Week 6 beginning 6<sup>th</sup> July</p>	<p><b>Bar Charts</b> This week we will focus on drawing and interpreting bar charts. We will consider different scales and when it might be appropriate to display data in a bar chart as opposed to a pictogram or line chart. We will also consider how two sets of data can be show on a single bar chart.</p>	<p><a href="https://hegartymaths.com/">https://hegartymaths.com/</a> Follow the instructions and guidance to watch the video and work through the quiz.  <a href="https://corbettmaths.com/">https://corbettmaths.com/</a>  Worksheet taken from Corbett maths</p>
<p>Week 7 beginning 13<sup>th</sup> July</p>	<p><b>Smarties investigation</b> This week, you will collect your own data and represent it using pictograms, vertical line graphs and bar charts</p>	<p><a href="https://hegartymaths.com/">https://hegartymaths.com/</a> Follow the instructions and guidance to watch the video and work through the quiz.  <a href="https://www.skillsworkshop.org/sites/skillshop.org/files/resources/hde111smarties.pdf">https://www.skillsworkshop.org/sites/skillshop.org/files/resources/hde111smarties.pdf</a></p>