

Week	Learning	Activities
Week beginning 1 st June	<u>Expanding brackets</u> This week we will revisit how to expand single and double brackets and extend to expanding and simplifying triple brackets.	https://hegartymaths.com/ Follow the instructions and guidance to watch the video and work through the quiz.
Week beginning 8 th June	<u>Ratio and Proportion</u> This week we will learn to write, simplify, convert and find ratios from amounts. We will apply this knowledge to recipes and scale drawings/maps. This will include ratios of three parts.	https://hegartymaths.com/ Follow the instructions and guidance to watch the video and work through the quiz. https://corbettmaths.com/ Worksheet taken from Corbett maths.
Week beginning 15 th June	<u>Proportion</u> This week we will use proportion to convert between currencies and calculate the best value for products of different sizes and prices. We will also explore the concept of inverse proportion which means as one part increases the other part decreases. <u>School Learning: Prime factor decomposition</u> This week we will find the prime factor decomposition of positive integers, writing this as a product using index notation. We will find the HCF and LCM of two numbers using Venn diagrams and solve problems using them.	https://hegartymaths.com/ Follow the instructions and guidance to watch the video and work through the quiz. https://corbettmaths.com/ Worksheet taken from Corbett maths.
Week beginning 22 nd June	<u>Quadratic and Cubic Graphs</u> This week we will draw and interpret graphs of quadratic and cubic functions. <u>School learning: Four operations with fractions</u> This week we will add, subtract, multiply and divide with fractions, focussing especially on mixed numbers. We will extend these operations to algebraic fractions and	https://hegartymaths.com/ Follow the instructions and guidance to watch the video and work through the quiz. https://corbettmaths.com/ Worksheet taken from Corbett maths.

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	understand that the same rules apply.	
Week beginning 29 th June	<p><u>Area under a graph</u> This week we will calculate the area under a graph by splitting the area into triangles, rectangles and trapezia.</p> <p><u>School learning: Tree diagrams</u> This week we will use a tree diagram to show the probabilities of 2 or more events and calculate the probabilities of an event happening. This will include with and without replacement.</p>	<p>https://hegartymaths.com/</p> <p>Follow the instructions and guidance to watch the video and work through the quiz.</p> <p>https://corbettmaths.com/</p> <p>Worksheet taken from Corbett maths.</p>
Week beginning 6 th July	<p><u>Finding Approximate Solutions and gradient of a curve.</u> This week we will find approximate solutions to a quadratic/cubic equation using the graph and the gradient of the curve at a particular point by drawing a suitable tangent.</p> <p><u>School learning: Standard Form</u> This week we will use standard form to represent large and small numbers and will order, add, subtract, multiply and divide numbers in standard form.</p>	<p>https://hegartymaths.com/</p> <p>Follow the instructions and guidance to watch the video and work through the quiz.</p> <p>https://corbettmaths.com/</p> <p>Worksheet taken from Corbett maths.</p>
Week beginning 13 th July	<p><u>Consolidation of learning from Terms 5</u> This week we will revisit topics that have been covered in term 5 and close the knowledge gaps identified by your class teacher.</p> <p><u>School learning: Solving linear equations</u> This week we will revisit how to solve linear equations including where the unknown is on both sides and equations involving fractions.</p>	<p>https://hegartymaths.com/</p> <p>Follow the instructions and guidance to watch the video and work through the quiz.</p> <p>https://corbettmaths.com/</p> <p>Worksheet taken from Corbett maths.</p>