



Grade 6 Mathematics – We will be learning...

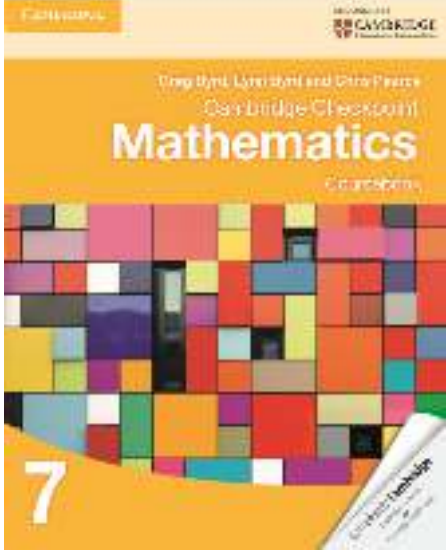
Term 1	Term 2	Term 3	Working towards
<p>We will be following the Cambridge Checkpoint curriculum.</p> <p>Within these units we will learn:</p> <p><b>Integers.</b> Using negative numbers. Adding and subtracting negative numbers Multiples Factors and rules of divisibility Prime numbers Square and Cube numbers Square roots: Meaning and estimation.</p> <p><b>Place value, ordering and rounding.</b> Understanding decimals Multiplying and dividing by 10, 100, 1000, etc. Ordering decimals Rounding Adding and subtracting decimals Multiplying decimals Dividing decimals Estimating and approximating.</p> <p>Students will complete activities such as: Worksheets related to the topic and structured by levels of understanding Problem solving activities to deepen into their mathematical vocabulary as well as the application of Maths to different kinds of problems.</p>	<p>Within these units we will learn:</p> <p><b>Fractions.</b> Simplifying fractions Equivalent fractions, decimals and percentages Comparing fractions Improper fractions and mixed numbers Adding and subtracting fractions Multiplying and dividing fractions Finding fractions of a quantity Finding remainders.</p> <p><b>Percentages.</b> Simple percentages Calculating percentages Comparing quantities</p> <p><b>Ratio and Proportion.</b> Simplifying ratios Sharing in a ratio Using direct proportion</p> <p>Students will complete activities such as: Worksheets related to the topic and structured by levels of understanding Problem solving activities to deepen into their mathematical vocabulary as well as the application of Maths to different kinds of problems. At least one activity, text or problem related to real world skills.</p>	<p>Within these units we will learn:</p> <p><b>Length, mass and capacity.</b> Knowing metric units Choosing suitable units Reading scales</p> <p><b>Time.</b> The 12-hour and 24-hour clock Timetables Real-life graphs</p> <p><b>Sequences, expressions and formulae.</b> Definition of Pattern Generating patterns Generating sequences Finding the nth term rule of a positive sequence</p> <p>Students will complete activities such as: Worksheets related to the topic and structured by levels of understanding Problem solving activities to deepen into their mathematical vocabulary as well as the application of Maths to different kinds of problems. At least one activity, text or problem related to real world skills.</p> <p>Teachers will use tasks to assess core module learning objectives and monitor progress. At the end of the unit students will complete an "Exit Point", it means, a short assessment to help teachers evaluate</p>	<p>Full practice for Cambridge Checkpoint assessments and looking towards the beginning of the iGCSE course in Grade 9.</p> <p>Introduction of Mathematical language and meaning of symbols.</p>



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### Books you may find useful:

	<p>Cambridge Checkpoint Mathematics Coursebook 7</p> <ul style="list-style-type: none"><li>• <b>ISBN 978-1-107-64111-2</b> <b>Paperback</b></li></ul>
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