

**MATHEMATICS**  
**YEAR PLANNER GRADE 7**

TERM 1	TERM 2	TERM 3	TERM 4
<p>Place Value</p> <p>Integers</p> <p>Addition and subtraction of integers</p> <p>Ancient number systems: roman, Mayan, Chinese, Egyptian etc.</p> <p>Estimating</p> <p>Problem solving</p> <p>Word Problems</p> <p>Calculator work</p> <p>Factors and multiples</p> <p>Prime numbers and prime factors</p> <p>Map and compass directions</p>	<p>Tables, line and bar graphs, pie charts</p> <p>Stem and leaf diagrams</p> <p>Probability</p> <p>Mean, median mode and range</p> <p>Fractions</p> <p>Decimals</p> <p>Percentages</p>	<p>Exchange rates, profit and loss, hire purchase, accounts</p> <p>Powers and exponents</p> <p>Variables and equations</p> <p>Flow diagrams</p> <p>Time</p> <p>Conversions in measurement</p> <p>Transformation</p> <p>Ratio and rate</p>	<p>Lines and angles</p> <p>Triangles</p> <p>Polygons and quadrilaterals</p> <p>Area</p> <p>Perimeter</p> <p>Solids and nets</p> <p>Surface area and volume of solids</p> <p>Tessellations</p> <p>Plan and elevations</p> <p>Circles : circumference and area</p>