

YEAR 7 CURRICULUM MEDIUM TERM PLAN - MATHS



TOPIC	KEY LEARNING	ASSESSMENT
HT 1: Analysing and Displaying Data. HT 1: Number Skills	Mode Median and Range. Displaying data. Grouping data. Averages and comparing data. Line graphs and Bar charts Mental maths skills. Addition and subtraction. Multiplication. Division. Money and time. Negative Numbers. Factors, multiples and primes. Square numbers.	<u>Assessment on:</u> Analysing and Displaying Data. Number Skills
HT 2: Expressions, Functions and Formulae HT 2: Decimals and Measures	Knowing and Using Functions, Simplifying expressions. Writing expressions. Substitution into formulae. Writing formulae. Working with decimals and rounding. Decimals in context of length, mass and capacity. Scales and measures. Decimal mental work. Perimeter and Area in a decimal context.	<u>Assessment on:</u> Expressions, Functions & Formulae Decimals and Rounding
HT 3: Fractions and Percentages HT3: Probability	Comparing Fractions. Simplifying Fractions. Working with Fractions. Fractions and decimals. Understanding Percentages. Percentages of amounts. Using the language of probability. Calculating simple probability. Experimental probability. Finding expected outcomes.	<u>Assessment on:</u> Fractions and Percentages Probability
HT4: Ratio and proportion	Direct proportion. Writing ratios. Using ratios. Ratios, proportions and fractions. Proportions and percentages.	<u>Assessment on:</u> Ratio and Proportion
HT 5: Lines and Angles HT 5: Sequences and Graphs	Measuring and drawing angles. Lines angles and triangles. Drawing triangles accurately. Calculating angles. Angles in a triangle. Identifying quadrilaterals. Finding angles in quadrilaterals. Sequences. Pattern sequences. Coordinates and midpoints. Extending sequences. Straight line graphs.	<u>Assessment on:</u> Lines and Angles Sequences and Graphs
HT6: Transformations	Congruency. Enlargements. Symmetry. Reflection. Rotation. Translations. Combined transformations.	<u>Assessment on:</u> Transformations