



Year 8 Curriculum Overview

****Note: Objectives in blue are additional higher content for extension****

Half Term 1	
Date	Curriculum Overview
WC 02/09	Ratio and Scale <ul style="list-style-type: none"> - Understand ratio and its link to multiplication - Circumference of a circle - Use ratio notation - Reduce ratios to simplest form - Solve ratio problems - Ratio in the form 1:n - Comparing ratios
WC 09/09	
WC 16/09	Multiplicative Change <ul style="list-style-type: none"> - Use scale factors, linking to ratio, to solve simple directional proportion problems - Scale diagrams and maps
WC 23/09	
WC 30/09	
WC 07/10	Multiplying and dividing fractions <ul style="list-style-type: none"> - Multiplying and dividing a fraction by an integer - Multiplying and dividing a fraction by a fraction - Multiplying and dividing mixed numbers
WC 14/10	
Half Term 2	
Date	Curriculum Overview
WC 04/11	Consolidation, assessment, feedback (DIRT) and pupil voice.
WC 11/11	Working in a Cartesian plane <ul style="list-style-type: none"> - Plotting and interpreting straight line graphs - Equations of lines parallel to the axes - Model situations by translating them into expressions, formulae and graphs - Find the equation of a straight line - Find the mid-point of a line segment - Drawing quadratic graphs
WC 18/11	
WC 25/11	
WC 02/12	
WC 09/12	Representing data <ul style="list-style-type: none"> - Scatter graphs and correlation - Listing outcomes
WC 16/12	Percentages of amounts <ul style="list-style-type: none"> - Calculating percentage of amount; with and without a calculator
Half Term 3	
Date	Curriculum Overview
WC 06/01	Sets and probability <ul style="list-style-type: none"> - Understand and use set notation - Venn diagrams - Probability of a single event - Venn diagrams for HCF and LCM
WC 13/01	
WC 20/01	
WC 27/01	Probability (Further) <ul style="list-style-type: none"> - Using sample space diagrams - Using tables
WC 03/02	
WC 10/02	
WC 17/02	
WC 24/02	Consolidation, assessment, feedback (DIRT) and pupil voice.
WC 02/03	Sequences <ul style="list-style-type: none"> - Using more complex rules e.g. with brackets and squared terms
WC 09/03	Standard Index Form <ul style="list-style-type: none"> - Conversion between numbers in ordinary and standard form - Comparing numbers in standard form - Calculating with standard form
WC 16/03	

WC 23/03	Number Sense <ul style="list-style-type: none"> - Developing mental strategies - Measure and units - Estimation, including rounding to a given number of decimal places - Revisit order of operations - Converting area units - Error interval notation
WC 30/03	
Half Term 5	
Date	Curriculum Overview
WC 20/04	Developing geometrical reasoning
WC 27/04	<ul style="list-style-type: none"> - Calculating angles at a point, angles on a straight line and vertically opposite angles
WC 05/05	<ul style="list-style-type: none"> - Calculate missing angles in triangles and quadrilaterals
WC 11/05	Angles in parallel lines and polygons
WC 18/05	<ul style="list-style-type: none"> - Angles in parallel lines - Angles in special quadrilaterals - Angles in polygons - Standard constructions including perpendicular - Diagonal properties of quadrilaterals
Half Term 6	
Date	Curriculum Overview
WC 01/06	<i>Consolidation, assessment, feedback (DIRT) and pupil voice.</i>
WC 08/06	Area of trapezia and circles
WC 15/06	<ul style="list-style-type: none"> - Area of a trapezium - Area of a circle and parts of a circle - Using significant figures - Area of compound shapes
WC 22/06	Line symmetry and reflection <ul style="list-style-type: none"> - Line symmetry in polygons and other shapes - Reflection of shapes in horizontal, vertical and diagonal lines
WC 29/06	The data handling cycle <ul style="list-style-type: none"> - Constructing and interpreting pie charts
WC 06/07	Measure of location
WC 13/07	<ul style="list-style-type: none"> - Mean for grouped data - Comparing distributions