

Curriculum Outline 2017-18: **MATHEMATICS**

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 5	<ul style="list-style-type: none"> Place value & the Number Line Calculation : Addition & Subtraction 	<ul style="list-style-type: none"> Visualising & Constructing Calculation: Multiplication & Division Calculation: Addition & Subtraction 	<ul style="list-style-type: none"> Dividing with fractions Reading & Calculating Time Exploring Fractions, Decimals & Percentages 	<ul style="list-style-type: none"> Working with Units of Measure Number Theory & Problem Solving Drawing & Measuring Angles Calculating with Fractions & Decimals 	<ul style="list-style-type: none"> Calculating in Different Dimensions Checking, Approximating & Estimating Describing & Applying transformations 	<ul style="list-style-type: none"> Constructing & Interpreting Pie Charts Number & Arithmetic
Year 6	<ul style="list-style-type: none"> Understanding Place Value & Number Systems Calculation: Addition, Subtraction & Multiplication Measuring & Drawing Angles Calculation: Division 	<ul style="list-style-type: none"> Calculation: Division Number Theory: Structure & Relationships Investigating Properties of Shapes & Angles Formulae & Conversion Exploring Fractions, Decimals & Percentages 	<ul style="list-style-type: none"> Exploring Fractions, Decimals & Percentages Working with Units of Measure Working with Fractions, Decimals & Percentages Calculating with Fractions & Decimals 	<ul style="list-style-type: none"> Calculating with Fractions & Decimals Calculating in Different Dimensions Exploring Sequences Checking, Approximating & Estimating 	<ul style="list-style-type: none"> Describing & Applying Transformations Constructing & Interpreting Graphs & Charts Calculating & Interpreting Averages 	<ul style="list-style-type: none"> Money week Investigative activity Enrichment
Year 7	<ul style="list-style-type: none"> Number Theory & Place Value Comparing & Ordering on the Number Line Calculating & Place Value 	<ul style="list-style-type: none"> Calculating & Place Value Visualising & Constructing Investigating Properties of Shapes & Angles Working with Units of Measure Working with Expressions & Formulae 	<ul style="list-style-type: none"> Working with Expressions & Formulae Equivalence in Fractions, Decimals & Percentages Generating & Describing Sequences Proportional Reasoning 	<ul style="list-style-type: none"> Proportional Reasoning Calculating: Fractions, Decimals & Percentages Solving Equations 	<ul style="list-style-type: none"> Solving Equations Calculating in Different Dimensions Transformations & Co-ordinate Geometry 	<ul style="list-style-type: none"> Checking, Approximating & Estimating Constructing & Interpreting Graphs & Charts Calculating & Interpreting Averages Understanding Probability
Year 8	<ul style="list-style-type: none"> Number Theory & Place Value Fractions, Decimals & Percentages on the Number Line 	<ul style="list-style-type: none"> Visualising & Constructing Working with Expressions & Formulae Calculating: Fractions, Decimals & Percentages 	<ul style="list-style-type: none"> Calculating: Fractions, Decimals & Percentages Proportional Reasoning Exploring Sequences 	<ul style="list-style-type: none"> Exploring Sequences Investigating Geometry Probability Solving Equations 	<ul style="list-style-type: none"> Solving Equations Calculating in Different Dimensions Calculating & Interpreting Averages 	<ul style="list-style-type: none"> Co-ordinate Geometry Constructing and Interpreting Graphs & Charts