

Year 5 Mathematics Curriculum Overview



Autumn	
Place Value and Rounding of Large Numbers Interpret Negative Numbers Place Value of Numbers with up to Three Decimal Places Multiply and Divide by 10, 100 and 1,000 Properties of Number – Multiples, Factors and Common Factors Prime and Composite Numbers Multiply and Divide Mentally Solve Problems Involving Knowledge of Key Facts	Add and Subtract Using a Range of Strategies Add and Subtract Using Formal Written Methods Formal Written Method for Multiplication Formal Written Method of Short Division Equivalent Fractions
Spring	
Compare and Order Fractions Adding and Subtracting Fractions Problem Solving – All Four Operations Multiply Fractions by Whole Numbers Fraction Problem Solving Measure – Converting Units of Measure Area Volume and Capacity	Percentages Problem Solving – Percentages
Summer	
3-D Shapes from 2-D Representations Reflection and Translation Perimeter Estimate, Compare, Measure and Draw Angles Identify Unknown Angles Conversion of Imperial and Metric Units of Measure Fractions, Decimals and Percentages Problem Solving Reading Timetables and Calculating with Time	Solve Problems involving the Four Operations Distinguish between Regular and Irregular Polygons Use Properties of Rectangles Statistics – Solve Comparison, Sum and Difference Problems using Information in a Line Graph Statistics – Interpreting and Evaluating Information Presented in Charts and Tables Roman Numerals