Maths: Year 5 Long Term Plan

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Number and Place Value			Addition and Subtraction		Statistics		Multiplication and Division			Area and Perimeter			Consolidation week
Spring	Multiplication and Division			Fractions						Decimals and Percentages		Consolidation week		
Summer	Decimals			Geometry: Properties of Shape			Consolidation week	Geometry: Position and Direction		Measurement			Consolidation week	

Maths: Year 5 Medium Term Plan

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1	**Number and Place Value** 1,000s, 100s, 10s and 1s Numbers to 10,000 Rounding to the nearest 10 Round to the nearest 100,10 and 1000 Numbers to 100,000	**Number and Place Value** Compare and order numbers to 100,000 Round numbers within 100,000 Numbers to 1,000,000 Counting in powers of 10	**Number and Place Value** Compare and order numbers to 1,000,000 Round numbers to 1,000,000 Negative numbers Roman Numerals to 1,000	**Addition and Subtraction** Add two 4-digit numbers-one exchange Add two 4-digit numbers- more than one exchange Add whole numbers with more than 4 digits (column method) Subtract two 4-digit numbers – one exchange Subtract two 4-digit numbers – more than one exchange	**Addition and Subtraction** Subtract whole numbers with more than 4 digits (column method) Round to estimate and approximate Inverse operations (addition and subtraction) Multi-step addition and subtraction problems	**Statistics** Interpret charts Comparison, sum and difference Introduce line graphs Draw line graphs Use line graphs to solve problems	**Statistics** Read and interpret tables Two-way tables Timetables
Autumn 2	**Multiplication and Division** Multiples Factors Common factors Prime numbers	**Multiplication and Division** Square numbers Cube numbers Multiply by 10, 100 and 1000 Divide by 10, 100 and 1000	**Multiplication and Division** Multiples of 10, 100 and 1000	**Perimeter and Area** Measure perimeter Perimeter on a grid Perimeter of rectangles Perimeter of rectilinear shapes	**Perimeter and Area** Calculate perimeter counting squares Area of rectangles	**Perimeter and Area** Area of compound shapes Area of irregular shapes	**Consolidation Week**
Spring 1	**Multiplication and Division** Multiply 2-digits by 1 digit Multiply 3-digits by 1 digit Multiply 4-digits by 1 digit Multiply 2 digits (area model)	**Multiplication and Division** Multiply 2-digits by 2 digits Multiply 3-digits by 2 digits Multiply 4-digits by 2 digits	**Multiplication and Division** Divide 2-digits by 1 digit Divide 3-digits by 1 digit Divide 4-digits by 1 digit Divide with remainders	**Fractions** What is a fraction? Equivalent fractions Fractions greater than 1 Improper fractions to mixed numbers Mixed numbers to improper fractions	**Fractions** Number sequences Compare and order fractions less than 1 Compare and order fractions greater than	**Fractions** Add and subtract fractions Add fractions within 1 Add 3 or more fractions	

Spring 2	**Fractions** Add mixed numbers Subtract fractions Subtract mixed numbers Subtract-breaking the whole	**Fractions** Subtract 2 mixed numbers Multiply unit fractions by an integer Multiply non-unit fraction by an integer	**Fractions** Multiply mixed numbers by integers Calculate fractions of a quantity Fraction of an amount Using fractions as operators	**Decimals and Percentages** Decimals up to 2 d.p. Decimals as fractions Understanding thousandths Thousandths as decimals	**Decimals and Percentages** Rounding decimals Order and compare decimals Understanding percentages Percentages as fractions and decimals Equivalent FDP	**Consolidation Week**	
Summer 1	**Decimals** Understanding the relationship between fractions, decimals and percentages Adding decimals within 1 Subtracting decimals within 1 Compliments to 1 Adding decimals-crossing the whole	**Decimals** Adding decimals with the same number of decimal places Subtracting decimals the same number of decimal places Adding decimals with a different number of decimal places Subtracting decimals with a different number of decimal places Adding and subtracting wholes and decimals	**Decimals** Decimal sequences Multiplying decimals by 10, 100 and 1,00 Dividing decimals by 10, 100 and 1,000	**Geometry – Properties of Shape** Identify angles Compare and order angles Measuring angles in degrees Measuring with a protractor	**Geometry – Properties of Shape** Drawing Angles and lines accurately Calculating angles on a straight line Calculating angles around a point Triangles	**Geometry – Properties of Shape** Quadrilaterals Calculating lengths and angles in shapes Regular and irregular polygons Reasoning about 3D shapes	**Consolidation Week**
Summer 2	**Geometry – Position & Direction** Describe position Draw on a grid Position in the first quadrant Translation Translation with co-ordinates	**Geometry – Position & Direction** Lines of symmetry Complete a symmetric figure Reflection Reflection using co-ordinates	**Measurement: Length** Kilometres Kilograms and kilometres Millimetres and millilitres Metric units	**Measurement: Imperial Units, Time** Imperial units Converting units of time Timetables	**Measurement: Capacity** What is volume? Compare volume Estimate volume Estimate capacity	**Consolidation Week**	