

Maths Yearly Overview Year: 6

	Autumn 1 1.1 (8 weeks)	Autumn 2 1.2 (7 weeks)	Spring 1 2.1 (6 weeks)	Spring 2 2.2 (6 weeks)	Summer 1 3.1 (5 weeks)	Summer 2 3.2 (7 weeks)
Week 1	<p>Recovery Maths</p> <p>Counting – counting in any multiples Times tables revision Mental arithmetic Number formation</p> <p>Maths meetings- Counting forwards and backwards to 1 million. Counting in decimals Times Tables (all half term) Factors</p>	<p>Division 4d divide by 1d 4d by 1d with remainders Short division</p> <p>Maths meetings: Identify 2D and 3D shapes and their properties Nets</p> <p>Monday: Square and cube numbers</p>	<p>Decimals Decimals up to 2dp/3dp (revision) Multiply and divide by 10/100 and 1000</p> <p>Mondays: Recap quadrants – reflection</p> <p>Maths meetings: Fractions, quadrants 4 operations</p>	<p>Area and perimeter: Area and perimeter Compound Triangles</p> <p>Maths meetings: conversions of measure, scaled factor</p> <p>Monday: arithmetic</p>	<p>Shape revision: Nets and angles</p> <p>Solve problems involving 4 operations</p> <p>Maths meetings: Multiply and divide fractions.</p>	Post SATs Maths Project
Week 2	<p>Continue with Week 1 if needed Place value Number to 10, 000 (revision) Work towards numbers to 10,000,000</p> <p style="color: red;">Recognise the place value of each digit in numbers up to 10 million, including decimal fractions, and compose and decompose numbers up to 10 million using standard and nonstandard partitioning.</p>	<p>Division Long division</p> <p>Maths meetings Recap primes, factors, multiples</p> <p>Monday: Order of operations</p>	<p>Decimals Multiply and divide decimals Fractions to decimals Mondays: Recap quadrants – reflection</p> <p>Maths meetings: fractions recap- order, greater than/less than.</p>	<p>Area and perimeter: Parallelograms Volume</p> <p>Maths meetings: Add and subtract fractions</p> <p>Monday: arithmetic</p>	<p>Revision: Fractions, Decimals, Percentages BODMAS</p> <p>Maths meetings – Place value, value of a digit, explanation type questions related to PV.</p>	Post SATs Maths Project

	<p>Compare and order numbers</p> <p>Negative numbers</p> <p>Maths meetings Multiples and common multiples, multiply and divide by 10 and 100.</p> <p>Understand the relationship between powers of 10 from 1 hundredth to 10 million, and use this to make a given number 10, 100, 1,000, 1 tenth, 1 hundredth or 1 thousandth times the size (multiply and divide)</p> <p>Reason about the location of any number up to 10 million, including decimal fractions, in the linear number system, and round numbers, as appropriate, including in contexts.</p>					
Week 3	<p>Place Value Round to 10, 100 and 1000 (revision)</p> <p>Round any number</p> <p>Negative numbers - Monday</p> <p>Maths meetings Square and cube numbers Prime numbers</p>	<p>Fractions: Equivalent fractions</p> <p>Simplify fractions Recognise when fractions can be simplified, and use common factors to simplify fractions.</p>	<p>Percentages Fractions to percentages Order FDP Percentage of amounts</p> <p>Monday: ratio Maths meetings: Negative numbers, rounding ,ratio</p>	<p>Statistics</p> <p>Line graphs Circles</p> <p>Maths meetings: percentages – 10%, 25%, 50%, 5%</p>	SATs Prep	Post SATs Maths Project

	<p>Understand the relationship between powers of 10 from 1 hundredth to 10 million, and use this to make a given number 10, 100, 1,000, 1 tenth, 1 hundredth or 1 thousandth times the size (multiply and divide)</p> <p>Round numbers, as appropriate, including in contexts.</p>	<p>Improper to mixed number</p> <p>Maths meetings 4 operations Multiply by 10, 100 and 1000</p> <p>Monday: Order of operations</p> <p>Reason about the location of any number up to 10 million, including decimal fractions, in the linear number system, and round numbers, as appropriate, including in contexts.</p>				
Week 4	<p>Addition & Subtraction</p> <p>Whole numbers initially (revision) Inverse operations (Addition and subtraction) Multistep addition and subtraction problems</p> <p>Understand that 2 numbers can be related additively or multiplicatively, and quantify additive and multiplicative relationships (multiplicative relationships)</p>	<p>Fractions Express fractions in a common denomination and use this to compare fractions that are similar in value.</p> <p>Mixed number to improper</p> <p>Fractions on a number line</p> <p>Compare and order fractions Compare fractions with different denominators,</p>	<p>Percentages Fractions to percentages Order FDP Percentage of amounts</p> <p>Monday: ratio Solve problems involving ratio relationships.</p> <p>Maths meetings: ratio , recap area and perimeter</p>	<p>Pie charts</p> <p>Recap Y5 timetables</p> <p>Maths meetings: Fractions of amounts, recap shape names and nets</p>	SATs	Post SATs Maths Project

	<p>restricted to multiplication by a whole number).</p> <p>Maths meetings Conversions of units of measure (recap Y5) Time</p> <p>Monday: Factors</p>	<p>including fractions greater than 1, using reasoning, and choose between reasoning and common denominator as a comparison strategy.</p> <p>Maths meetings: Percentages – 50, 25 and 10 Long division and multiplication.</p> <p>Monday: 1 quadrant grid</p>				
Week 5	<p>Addition & Subtraction</p> <p>Inverse operations (Addition and subtraction) Multistep addition and subtraction problems</p> <p>Maths meetings Area and Perimeter recap Y5 Roman numerals</p> <p>Monday: common factors</p>	<p>Fractions Add and subtract fractions</p> <p>Maths meetings: Value of a digit in a decimal Multiply and divide by 10/100/1000</p> <p>Monday: 4 quadrant grid</p>	<p>Algebra</p> <p>Use simple formulae. Generate and describe linear number sequences. Express missing number problems algebraically. Find pairs of numbers that satisfy an equation with two unknowns. Enumerate possibilities of combinations of two variables.</p> <p>Maths meetings: Recap 4 operations</p> <p>Monday: Ratio</p>	<p>Arithmetic 1, Reasoning 2 and Reasoning 3 (Test week)</p> <p>Percentages, decimals and fractions recap</p>	Post SATs Maths Project	Post SATs Maths Project
Week 6	<p>Number – Multiplication</p> <p>Multiplication 4d x 1d Multiplication 2d x 2d</p>	<p>Fractions Multiply and divide fractions</p> <p>Maths meetings: scaled factor</p>	<p>Measures: Converting between length mass and volumr.</p>	<p>Shape: Angles Draw, compose, and decompose shapes according to given</p>		Post SATs Maths Project

	<p>3d x 2d</p> <p>Maths meetings Days of the week/days in months/year etc Recognise acute, obtuse, etc Missing angles</p> <p>Monday: Common multiples</p>	<p>Monday: Translation</p>	<p>Maths meetings: Long and short division and multiplication, scale factor</p> <p>Monday: scale factor</p>	<p>properties, including dimensions, angles and area, and solve related problems.</p> <p>Maths meetings: areas of weakness for class</p> <p>Monday: arithmetic</p>		
Week 7	<p>Number – Multiplication</p> <p>Multiplication 4d x 1d Multiplication 2d x 2d 3d x 2d</p> <p>Maths meetings Days of the week/days in months/year etc Recognise acute, obtuse, etc Missing angles</p> <p>Monday: Primes to 100</p>	<p>Fractions</p> <p>Fraction of an amount</p> <p>Monday: Translation (using a one/four quadrant grid) finding the missing coordinates</p> <p>Maths meetings: Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius</p>				Post SATs Maths Project

