

Year 5 Maths Annual Overview 2023-2024

Autumn 1 - 7 weeks	Autumn 2 - 9 weeks	Spring 1 - 6 weeks	Spring 2 - 4 weeks	Summer 1 - 7 weeks	Summer 2 - 6 weeks
<p>Place value - 4 weeks</p> <ul style="list-style-type: none"> Roman Numerals to 1,000 Numbers to 1000, 10,000 and 1,000,000 Powers of 10 10, 100, 1,000, 10,000 and 100,000 more or less Partition numbers to 1,000,000 Number to 1,000,000 on a number line Compare and order numbers to 100,000 and 1,000,000 Round to the nearest 10, 100, 1,000 Round within 1000,000 and 1,000,000 <p>Addition and Subtraction - 2 weeks</p> <ul style="list-style-type: none"> Mental strategies Add and subtract whole numbers with more than 4 digits Round to check answers Inverse operations Multi-step addition and subtraction Compare calculations 	<p>Multiplication and Division - 2 weeks</p> <ul style="list-style-type: none"> Multiples and common multiples Factors and common factors Prime numbers Square numbers Cube numbers Multiply and divide by 10, 100 and 1,000 <p>Multiples of 10, 100 and 1,000</p> <p>Fractions - 6 weeks</p> <ul style="list-style-type: none"> Find fractions equivalent to unit and non-unit fractions Recognise equivalent fractions Convert improper fractions to mixed numbers and mixed numbers to improper fractions Compare fractions less than 1 Order fractions less than 1 Compare and order fraction greater than 1 Add and subtract fractions with the same denominator 	<p>Multiplication and Division - 3 weeks</p> <ul style="list-style-type: none"> Multiply a 4 digit number by 1 Multiply a 2 digit number by 2 digit number Multiply 3 digit by 2 digit number Multiply 4 digit by 2 digit number Solve problems with multiplication Divide 4 digit by 1 digit Divide with remainders Solve problems with division <p>Fractions - 2 weeks</p> <ul style="list-style-type: none"> Multiply unit and non-unit fractions by an integer Multiply a mixed number by an integer Fraction of amount Find the whole Fractions as operators <p>Decimal and Percentages - 1 week</p> <ul style="list-style-type: none"> Decimals up to 2 places 	<p>Decimal and Percentages - 2 weeks (Continued from last half term)</p> <p>Perimeter and area - 2 weeks</p> <ul style="list-style-type: none"> Perimeter of rectangles, rectilinear shapes and polygons Area of rectangles and compound shapes Estimate area 	<p>Statistics - 1 week</p> <ul style="list-style-type: none"> Draw, read and interpret line graphs Read and interpret tables and two-way tables Read and interpret time tables <p>Shape - 3 weeks</p> <ul style="list-style-type: none"> Understand and use degrees Measure angles to 180° Draw angles accurately Measure angles around and point Calculate angles on a straight line Measure and calculate angles in shapes <p>Position and direction - 2 weeks</p> <ul style="list-style-type: none"> Read, plot and problem solve with co-ordinates Translation Lines of symmetry Reflection along horizontal and vertical lines <p>Decimals - 1 week</p> <ul style="list-style-type: none"> Use known facts to add and subtract decimals within 1 Complements to 1 	<p>Decimals - 2 weeks (Continued from last half term)</p> <p>Negative Numbers - 1 week</p> <ul style="list-style-type: none"> Understanding negative numbers Counting through 0 in 1's Counting through 0 in multiples Compare and order negative numbers Finding the difference <p>Converting Units - 2 weeks</p> <ul style="list-style-type: none"> Kilograms and kilometres Milimetres and millilitres Converting units of length Converting between metric and imperial Converting units of time Calculate with timetables <p>Volume - 1 week</p> <ul style="list-style-type: none"> Cubic centimetres Compare volume Estimate volume Estimate capacity

<ul style="list-style-type: none"> • Find missing numbers <p>Multiplication and Division - 1 weeks</p> <ul style="list-style-type: none"> • Multiples and common multiples • Factors and common factors • Prime numbers • Square numbers • Cube numbers • Multiply and divide by 10, 100 and 1,000 • Multiples of 10, 100 and 1,000 	<ul style="list-style-type: none"> • Add and subtract fractions within and greater than 1 • Add and subtract to a mixed number • Add and subtract 2 mixed numbers <p>Consolidation - 1 weeks</p>	<ul style="list-style-type: none"> • Equivalent fractions and decimals (tenths and hundredths) • Thousandths as fractions and decimals • Thousandths on a place value chart • Order and compare decimals • Round decimals to the nearest whole • Round to 1 decimal place • Understand percentages • Percentages as fractions and decimals • Equivalent fractions, decimals and percentages 		<ul style="list-style-type: none"> • Add and subtract decimals across 1 • Add decimals with the same numbers of decimal places • Subtract decimals with the same numbers of decimal places • Add decimals with a different numbers of decimal places • Subtract decimals with a different numbers of decimal places • Efficient strategies for adding and subtracting decimals • Decimal sequences • Multiply by 10,100 and 1,000 • Divide by 10,100 and 1,000 • Multiply and divide decimals - missing values 	
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