

Year 5 Maths Subject Overview 2020-2021

CONSOLIDATION

REVISION

VOCABULARY SHARED

Autumn 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
<p>Vocabulary shared at start of each new topic and reinforced throughout</p> <p>Weekly times tables</p>	<p><i>Transition</i></p>	<p>Recap - Arithmetic/Timestables/Weekly Mats</p> <p>Assess telling time</p>	<p>Place Value (White Rose Week 1 - recovery)</p> <p>With decimals - tenths and hundredths</p> <p>1, 10, 100, 1000s,</p> <p>Rounding 10, 100, 1000, 10000</p>	<p>Place Value (White Rose Week 2)</p> <p>Numbers to 100,000</p> <p>Compare and Order Numbers to 100,00</p> <p>Round numbers within 100,000</p> <p>Numbers to 1 million</p> <p>Counting in 10s, 100s, 1000s, 10,000s, 100,000s</p>	<p>Place Value (White Rose Week 3)</p> <p>Compare and order numbers to 1000000</p> <p>Round numbers to 1000000</p> <p>negative numbers</p> <p>roman numerals</p>	<p>Addition and Subtraction (White Rose Week 4)</p> <p>Add two 4-digit numbers (one exchange)</p> <p>Add two 4 digit numbers (more than one exchange)</p> <p>Add whole numbers with more than 4 digits</p> <p>Subtract two 4-digit numbers (one exchange)</p> <p>Add two 40digit numbers</p>	<p>Addition and Subtraction (White Rose Week 5)</p> <p>Subtract whole numbers with more than 4 digits</p> <p>round to estimate and approximate</p> <p>inverse operations</p> <p>multi-step addition and subtraction</p>	<p>Multiplication and Division (White Rose Week 8)</p> <p>Multiples</p> <p>Factors</p> <p>Common Factors</p> <p>Prime Numbers Activity</p> <p>Prime Numbers</p>

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						(more than one exchange)		
Autumn 2	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	
<p>Vocabulary shared at start of each new topic and reinforced throughout</p> <p>Weekly times tables</p>	<p>Multiplication and Division (White Rose Week 9)</p> <p>Square numbers</p> <p>cube numbers</p> <p>multiply by 10, multiply by 100, multiply by 10, 100, 1000</p>	<p>Multiplication and Division (White Rose Week 10)</p> <p>Divide by 10</p> <p>Divide by 100</p> <p>Divide by 10, 100, 1000</p> <p>Multiples of 10, 100 and 1000</p> <p>(Include mm, cm, m, km problems)</p> <p>Mini-Assessment</p>	<p>Area and perimeter (White Rose Week 11)</p> <p>measure perimeter (include mm, cm, m, km problems)</p> <p>perimeter on a grid</p> <p>perimeter of a rectangle</p> <p>perimeter of rectilinear shapes</p> <p>calculate perimeter</p>	<p>Area and Perimeter (White Rose Week 12)</p> <p>Counting Squares</p> <p>Area of Rectangles</p> <p>Area of Compound shapes</p> <p>Area of Irregular shapes</p> <p>Mini-Assessment</p>	<p>Shape/time - White Rose (Year 4 catch-up)</p> <p>Catch up/gaps</p>	<p>Statistics (White Rose Week 6)</p> <p>Interpret charts</p> <p>comparisons, sum and difference</p> <p>Introduce line graphs</p> <p>Read and interpret line graphs</p> <p>Draw line graphs</p>	<p>Statistics (White Rose Week 7)</p> <p>Use line graphs to solve problems</p> <p>Read and interpret tables</p> <p>Two way tables</p> <p>Timetables</p>	HOLIDAY
Spring 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		
Vocabulary shared at start of	Multiplication and division	Multiplication and division	Multiplication and division	Fractions	Mixed numbers and		HOLIDAY	

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each new topic and reinforced throughout Weekly times tables	multiply 2 digits by 1 digit multiply 3 digits by 1 digit multiply 4 digits by 1 digit area model activity multiply two digits	multiply 2 digits by 2 digits multiply 3 digits by 2 digits multiply 4 digits by 2 digits multiply 4 digits by 2 digits divide 2 digits by 1 digit	divide 2 digits by 1 digit divide 3 digits by 1 digit divide 4 digits by 1 digit divide with remainders	what is a fraction? equivalent fractions equivalent fractions fractions greater than 1 improper fractions to mixed numbers	improper fractions number sequences compare fractions less than 1 order fractions less than 1 compare fractions greater than 1.	order fractions greater than 1 add and subtract fractions add fractions within 1 activity add fractions within 1 add three or more fractions		
Spring 2	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		
Vocabulary shared at start of each new topic and reinforced throughout	Adding fractions Add mixed number activities	Subtraction (breaking the whole) Subtract 2 mixed numbers	calculate fractions of a quantity Fraction of an amount	Decimals decimals up to 2dp	Rounding decimals Order and compare decimals	Gap week	HOLIDAY	

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Weekly times tables	Add mixed numbers Subtract fractions Subtract mixed number	multiply unit fractions by an integer Multiple non-unit fractions by an integer Multiply mixed numbers by integers	Using fractions as operators Fraction problem solving Mini-assessment	decimals as fractions understanding thousandths as decimals	Understand percentages Percentages as fractions and decimals Equivalent FDP		
Summer 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	
Vocabulary shared at start of each new topic and reinforced throughout Weekly times tables	Consolidate decimals from spring term. Mini assessment	Decimals adding decimals subtracting decimals complements to 1 adding decimals crossing whole adding decimals with the	Subtracting decimals with the same number of decimal places Adding and subtracting decimals with the same number of decimal places problem solving Adding decimals with a different number of decimal places	adding and subtracting wholes and decimals decimal sequences multiplying decimals by 10, 100, 1000 dividing decimals by 10, 100,	Angles identifying angles Compare and order angles Measuring angles in degrees Measuring with a protractor (1)	Drawing lines and angles accurately drawing lines and angles accurately calculating angles on a straight lines calculating angles around a point	HOLIDAY

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		same number of decimal places.	Subtracting decimals with a different number of decimal places Adding and subtracting decimals with a different number of decimal places problem solving	1000Mini assessment	Measuring with a protractor (2)	tringles		
Summer 2	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8 (3days)
Vocabulary shared at start of each new topic and reinforced throughout Weekly times tables	Quadrilaterals Calculating lengths and angles in shapes Regular and irregular polygons Reasoning about 3-D shapes Mini-assessment	describe position draw on a grid position in the first quadrant translation translation with coordinates	Lines of symmetry Complete a symmetrical figure Reflection Reflection with coordinates Mini-Assessment	Kilometers kilograms and kilometers millimeters and milliliters metric units	Imperial units activity Imperial units Converting units of time Timetables Mini-Assessment	What is Volume? Compare Volume Estimate Volume Estimate Capacity Mini-Assessment	Activities and gaps	