

## Year 5 - Yearly Plan for Mathematics (using White Rose Scheme of Learning)

This yearly overview will be adapted to suit the term dates and other requirements

Year 5	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	<b>Number</b> Place value			<b>Number</b> Addition and subtraction		<b>Number</b> Multiplication and division A			<b>Number</b> Fractions A			
	-Roman numerals -Numbers to 10,000 -Numbers to 100,000 -Numbers to 1,000,000 -Powers of 10 -10/100/1,000/10,000,100,000, more or less -Partitioning to 1,000,000 Compare and order numbers to 1,000,000 -Round to the nearest 10,100, 1,000 -Round within 1,000,000			-Add and subtract whole numbers with four digits -Round to check answers -Inverse operations -Multi-step addition and subtraction problems -Find missing numbers		-Multiples -Common multiples -Factors -Common factors -Prime numbers -Square numbers -Cube numbers -Multiply and divide by 10,100, and 1,000 -Multiples of 10,100 and 1,000			-Find fractions equivalent to a unit and non-unit fraction -recognise equivalent fractions -Convert improper fractions to mixed numbers and vice versa -Compare and order fractions less than 1 -Compare and order fractions greater than 1 -Add and subtract fractions with the same denominator -Add to a mixed number -Subtract from a mixed number -Subtract from a mixed number - breaking the whole			
Spring	<b>Number</b> Multiplication and division B			<b>Number</b> Fractions B		<b>Number</b> Decimals and percentages			<b>Measurement</b> Perimeter and area		Statistics	
	-Multiply up to a 4-digit number by a 1-digit number -Multiply a 2-digit number by a 2-digit number -Multiply a 3 or 4 digit number by a 2-digit number -Solve problems with multiplication -Short division -Divide a 4-digit number by a 1-digit number			-Multiply a unit fraction or non-unit fraction by an integer -Calculate a fraction of a quantity -Find the whole -Use fractions as operators		-Decimals up to 2 decimal places -Equivalent fractions and decimals (tenths, hundredths) -Thousandths as fractions and decimals -Thousands on a place value chart -Order and compare decimals -Round to the nearest whole number -Round to one decimal place -Understand percentages			-Perimeter of rectangles, rectilinear shapes and polygons -Area of rectangles and compound shapes -Estimate area		-Draw line graphs -Read and interpret line graphs and tables -Read and interpret timetables	
Summer	<b>Geometry</b> Shape			<b>Geometry</b> Position and Direction		<b>Number</b> Decimals			<b>Number</b> Negative numbers	<b>Measurement</b> Converting units		<b>Measurement</b> Volume
	(To be added)			(To be added)		(To be added)			(To be added)	(To be added)		(To be added)

