## Year 6 - 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 6	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	Number Place value  -Numbers to 1,000,000 -Numbers to 10,000,000 -Powers of 10 -Compare, order or round any integer -Negative numbers		Number Addition, subtraction, mulitplication and division  -Add and subtract integers -Common factors and multiples -Rules of divisibility -Prime to 100 -Square and cude numbers -Multiply up to a 4-digit number by a 2-digit number -Solve problems with multiplication -Short division -Introduction to long division -Solve multi-step problems -Order of operations -Mental calculation and operation -Reason from known facts				-Equivalent fractions and simplifying -Equivalnt fractions on a number line -Compare and order (denominator and numerator) -Add and subtract fractions -Add and subtract mixed		Number Fraction  -Mutiply f by fractio -Multiply by intege -Divide fra an intege -Mixed qu with fract -Fraction amount	ractions rns fractions rs action by r uestions	Measurement Converting units  -Metric measures -Convert metric measures -Calculate with metric measures -Miles and km Imperial measures	
Spring	-Add or mu-Use ratio language -Introducti ratio symb -Ratio and fractions -Scale drav-Use scale -Similar sh-Ratio problems -Recipes	on to the ol wing factors apes olems	Number Algebra  -1- or 2-stefunction in -Form exp -Substitut -Formulae -Form equ -Solve 1- a equations -Find pair -Solve pro with two u	ressions on on on on odecimals ations ond 2-step sof values of values on on odecimals		Number Fractions. Decimals and percentages  -Decimals and fraction equivalents -Fractions as division -Understand percentages -Fractions to percentages -Equivalent fractions, decimals,percentages -Order, fractions, decimals,percentages Percentage of an amount one-step, multi-step		Measurement Area, perimeter and volume  -Shapes- same area -Area and perimeter -Area of a triangle (couting squares) -Area of a right-angled triangle -Area of any triangle, parallelogram -Volume - counting cubes -Volume of a cuboid		-Line graphs -Dual bar graphs -Read and interpret pie charts -Pie charts with percentages -Draw pie charts -The mean		
Summer	Geometry Shape (To be added)		Geometry Position and Direction (To be added)	Themed projects, consolidation and problem solving (To be added)								