Year 6 –Yearly Overview -Autumn A

	(BLOCK 1	BLOCK 2	Block 3a	Block 3b	BLock 4
	Number: Place Value	Number: Addition, Subtraction, multiplication and Division	Number: Fractions	Number: Fractions B	converting units
White Rose Maths Small Steps	• Numbers to 1,000,000 • read and write numbers to 10,000,000 • Powers of 10 • Number Line to 10,000,000 • Compare and order any integers • Round any integer • negative numbers	• add and subtract integers • common factors • common multiples • rules of divisibility • primes to 100 • square and cube numbers • Multiply up to a 4 digit number by a 2 digit number • short division • division using factors • introduction to long division • long division with remainders • solve problems with division • solve multi step problems with division • order of operations • mental calculations • reason for known facts.	• equivalent fractions and Simplify • Equivalent fractions on a number line. • Compare & order (denominator). • Compare & order (numerator). • Add & subtract fractions (1). • Add & subtract fractions (2). • Add mixed numbers • Subtracting mixed fractions. • Multi step problems •	• multiply fractions by integers • multiply fractions by fractions • divide a fraction by an integer • decide any fraction by an integer • Mixed questions with fractions • Fractions of an amount • Fractions of an amount - find a whole	• metric measures • convert metric measures • calculate with metric measures • miles and kilometers • imperial measures •
Ready to progress DFE	**6NPV–1** 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 by 10, 100 and 1,000). **6NPV–2** 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 **6NPV–3** 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.	**6NPV–4** Divide powers of 10, from 1 hundredth to 10 million, into 2, 4, 5 and 10 equal parts, and read scales/number lines with labelled intervals divided into 2, 4, 5 and 10 equal parts **6AS/MD**–2 Use a given additive or multiplicative calculation to derive or complete a related calculation, using arithmetic properties, inverse relationships, and place-value understanding.	**6F–1** Recognise when fractions can be simplified, and use common factors to simplify fractions. **6F–2** Express fractions in a common denomination and use this to compare fractions that are similar in value. **6F–2** Express fractions in a common denomination and use this to compare fractions that are similar in value.		

Year 6 –Yearly Overview -Spring

	Week 1-2 (Block 1)	Week 3-4 (Block 2)	Week 5-6 (Block 3)	Week 7 (Block 4)	Week 8-9 (Block 5)	Week 10-11 (Block 6)	Week 12
	Number: Decimals	Number: Percentages	Number: Algebra	Measurement: Converting Units	Measurement: Perimeter, Area & Volume.	Number: Ratio	Consolidation
White Rose Maths Small Steps	• Three decimal places. •Multiply by 10, 100 and 1,000. •Divide by 10, 100 and 1,000. • Multiply decimals by integers. •Divide decimals by integers. • Division to solve problems. • Decimals as fractions. •Fractions to decimals (1). • Fractions to decimals (2).	• Fractions to percentages. • Equivalent FDP. •Percentage of an amount (1). •Percentage of an amount (2). •Percentages missing values. •Percentage increase and decrease. • Order FDP.	• Find a rule one step. • Find a rule two step. • Use an algebraic rule. • Substitution. • Formulae. • Word problems. •Solve simple one step equations. • Solve two step equations. • Find pairs of values. • Enumerate possibilities.	• Metric measures. •Convert metric measures. •Calculate with metric measures. • Miles and kilometres. • Imperial measures.	• Shapes same area. • Area and perimeter. • Area of a triangle (1). • Area of a triangle (2). • Area of a triangle (3). • Area of a parallelogram. • Volume counting cubes. • Volume of a cuboid.	• Use ratio language. • Ratio and fractions. •Introducing the ratio symbol. • Calculating ratio. • Using scale factors. • Calculating scale factors. •Ratio and proportion problems.	All

Ready to progress DFE			**6AS/MD–4** Solve problems with 2 unknowns.		**6G–1** Draw, compose, and decompose shapes according to given properties, including dimensions, angles and area, and solve related problems.	**6AS/MD–3** Solve problems involving ratio relationships.	

Year 6 –Yearly Overview -Summer

	Week 1 –2 (BLOCK 1)	Week 3 –5 (BLOCK 2)	Week 6-7 (Block 3)	Week 8-11 (Block 4)	Week 12
	Geometry: Properties of Shapes	Problem Solving	Statistics	Investigations	Consolidation
White Rose Maths Small Steps	• Measure with a protractor. • Introduce angles. • Calculate angles. • Vertically opposite angles. • Angles in a triangle. • Angles in a triangle special cases. • Angles in a triangle missing angles. • Angles in special quadrilaterals. • Angles in regular polygons. • Draw shapes accurately. • Nets of 3D shapes.	All	• Read and interpret line graphs. • Draw line graphs. • Use line graphs to solve problems. • Circles. • Read and interpret pie charts. • Pie charts with percentages. • Draw pie charts. • The mean.	All	All
Ready to progress DFE	**6G–1** Draw, compose, and decompose shapes according to given properties, including dimensions, angles and area, and solve related problems.				