MEADOW GREEN PRIMARY SCHOOL
Year 6 –Yearly Overview – Autumn 2024

	Week 1 –2 (Block 1: 2 weeks)	**Week 3 – 7** (Block 2: 5 weeks)	**Week 8 - 9** (Block 3: 2 weeks)	**Week 10 - 11** (Block 4: 2 weeks)	**Week 12** (1 week)	**Week 13 - 14** (1 week)
	Number: Place Value	Number: Addition, Subtraction, multiplication and Division	Number: Fractions A	Number: Fractions B	Geometry: Position and Direction	Measurement: Converting Units
White Rose Maths Small Steps *Small steps from previous year*	• Numbers to a million • Numbers to 10 million • Read and write numbers to 10 million • Powers of 10 • Numberline to 10 million • Compare and order any integers • Round any integers • Negative numbers **ASSESSMENT**	• Add and subtract integers • Common factors • Common multiples • Rules of divisibility • Primes to 100 • Square and cube numbers • Multiply up to 4-digit by 2-digit number • Solve problems with multiplication • Short division • Division using factors • Introduction to Long division • Long division with remainders • Solve problems with division • Solve multi-step problems • Order of operations • Mental calculations and estimation • Reasoning from known facts **ASSESSMENT – old Y6 SATs papers**	• Equivalent fractions and simplifying • Equivalent fractions on a number line • Compare & order (denominator) • Compare & order (numerator) • Add & subtract simple fractions • Add & subtract any two fractions • Add mixed numbers • Subtract mixed numbers • Multi-step problems **ASSESSMENT**	• Multiply fractions by integers • Multiply fractions by fractions • Divide a fraction by an integer • Divide any fraction by an integer • Mixed questions with fractions • Fraction of an amount • Fraction of an amount – find the whole **ASSESSMENT**	• Coordinates in the first quadrant • Coordinates in four quadrants • Translations • Reflections	• Metric measures • Convert metric measures • Calculate with metric measures • Miles and kilometres • Imperial measures **Week 14 ASSESSMENT – old Y6 SATs papers**
Dfe guidance (Ready to Progress criteria)	**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 non-standard 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.	**6AS/MD-1 -** Understand that 2 numbers can be related additively or multiplicatively, and quantify additive and multiplicative relationships (multiplicative relationships restricted to multiplication by a whole number). **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. **6AS/MD-2**	**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-3 -** Compare fractions with different denominators, including fractions greater than 1, using reasoning, and choose between reasoning and common denomination as a comparison strategy.	**6G-1 -** Draw, compose, and decompose shapes according to given properties, including dimensions, angles and area, and solve related problems.	**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-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.	

MEADOW GREEN PRIMARY SCHOOL
Year 6 –Yearly Overview – Spring 2025

	Week 1-2 (Block 6: 1.5 weeks)	**Week 2-4** (Block 8: 2.5 weeks)	**Week 5-7** (Block 9: 2.5 weeks)	**Week 8-9** (Block 7: 2 weeks)	**Week 9** (Block 10: 1.5 weeks)	**Week 11** (Block 11: 1 week)	**Week 12-13** (Block 12: 2 weeks)
	Number: Ratio	Number: Decimals	Number: Fractions, Decimals and percentages	Number: Algebra	Measurement: Area, perimeter and volume	Statistics	Geometry: Shape
White Rose Maths Small Steps *Small steps from previous year*	• Additive or multiplicative relationships • Using ratio language • Ratio and fractions • Using scale factors • Ratio problems • Proportion problems • Recipes **ASSESSMENT**	• Decimals up to 2d.p. • Understand thousandths • Three decimal places • Rounding decimals • Calculation workshop • Add and subtract decimals • Multiply by 10, 100 and 1,000 • Divide by 10, 100 and 1,000 • Multiply decimals by integers • Divide decimals by integers • Multiply and divide decimals in context **ASSESSMENT**	• Decimal and fraction equivalents • Fraction as division • Understand percentages • Fractions to percentages **2019 Arithmetic** **2019 Reasoning 1** **2019 Reasoning 2** • Equivalent fractions, decimals and percentages • Order fractions, decimals and percentages • Percentage of an amount – one step • Percentage of an amount – multi-step • Percentages – missing values **ASSESSMENT**	• 1-step function machines • 2-step function machines • Form expressions • Substitution • Formulae • Form equations • Solve 1-step equations • FDP ASSESSMENT • Solve 2-step equations • Find pairs of values	• *Shapes – same area* • Area and perimeter • Area of a triangle – counting squares • Area of a right-angled triangle • Area of any triangle • Area of a parallelogram • Volume – counting cubes • Volume of a cuboid **ASSESSMENT**	• Line graphs • Circles • Dual bar charts • Read and interpret pie charts • Pie charts with percentages • Draw pie charts • The mean • *KIRF checks	•Measure and classify angles •Angles – turns and degrees •Angles on a straight line •Angles around a point •Calculate angles •Vertically opposite angles •Angles in a triangle •*Angles in a triangle - special cases* •*Angles in a triangle - missing angles* •Angles in quadrilaterals •Angles in polygons •Draw shapes accurately •Nets of 3D shapes
Dfe guidance (Ready to Progress criteria)	**6AS/MD-3 -** Solve problems involving ratio relationships. **(6AS/MD-2)**		**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 non-standard partitioning.	**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.	**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.	**6G-1 -** Draw, compose, and decompose shapes according to given properties, including dimensions, angles and area, and solve related problems.

	MEADOW GREEN PRIMARY SCHOOL Year 6 –Yearly Overview – Summer 2025		
	Week 1-2	**Week 3**	**Week 4 – end of term**
	Revision	TESTS	
White Rose Maths Small Steps *Small steps from previous year*	**Revision**	SATS	CONSOLIDATION -Shape and Mean -Co-ordinates, translation, reflection -Problem solving – fault lines, ratio, lines -12 hour time, 24 hour time, time investigations -Line graphs, Always/sometimes/never -5x5 game, Mystery of the key keeper -fractions recap -probability RE-VISITING ANY TOPICS INVESTIGATIONS PREP FOR KS3
Dfe guidance (Ready to Progress criteria)			