MEADOW GREEN PRIMARY SCHOOL
Year 5 –Yearly Overview –Autumn 2024

	Week 1 – 3 (Block 1: 3 weeks)	**Week 4 – 5** (Block 2: 2 weeks)	**Week 6 – 8** (Block 3: 3 weeks)	**Week 9 – 12** (Block 4: 4 weeks)	**Week 13** (1 week)	**Week 14** (Block 5 from Spring: 1 week)
	Number: Place Value	Number: Addition and Subtraction	Number: Multiplication and Division A	Number: Fractions A	Assessment	Statistics
White Rose Maths Small Steps	• Roman numerals to 1,000. • Number to 10,000. • Number to 100,000. • Numbers to a million. • Read and write numbers to 1 million • Powers of 10 • 10/100/1,000/10,000/ 100,000 more or less • Partition numbers to 1 million • Numberline to 1 million • Compare and order numbers to 100,000. • Compare and order numbers to 1 million. • Round to the nearest 10, 100 and 1,000. • Round within 100,000. • Round numbers to a million. ASSESSMENT	• Mental strategies • Add whole numbers with more than 4 digits • Subtract whole numbers with more than 4 digits • Round to check answers • Inverse operations (addition and subtraction). • Multi step addition and subtraction problems. • Compare calculations • Find missing numbers **ASSESSMENT**	• Multiples. • Common multiples • Factors. • Common factors. • Prime numbers. • Square numbers. • Cube numbers. • Multiplying by 10, 100 and 1,000. • Dividing by 10, 100 and 1,000. • Multiples of 10, 100 and 1,000. **ASSESSMENT**	• Find fractions equivalent to a unit fraction • Find fractions equivalent to a non-unit fraction • Recognise Equivalent fractions. • Convert improper fractions to mixed numbers. • Convert mixed numbers to improper fractions. • Compare fractions less than 1. • Order fractions less than 1. • Compare and order fractions *greater* than 1. • Add and subtract fractions with the same denominator • Add fractions within 1. • Add fractions with a total greater than 1 • Add to a mixed number • Add 2 mixed numbers. • Subtract fractions. • Subtract from a mixed number • Subtract from a mixed number - breaking the whole. • Subtract 2 mixed numbers. **ASSESSMENT**	***Arithmetic and Reasoning assessment** ***KIRF checks**	• Draw line graphs • Read and interpret line graphs • Read and interpret tables • Two-way tables • Read and interpret timetables
Dfe guidance (Ready to Progress criteria)			**5NF-1 -** Secure fluency in multiplication table facts, and corresponding division facts, through continued practice. **5MD-1 -** Multiply and divide numbers by 10 and 100; understand this as equivalent to making a number 10 or 100 times the size, or 1 tenth or 1 hundredth times the size. **5MD-2 -** Find factors and multiples of positive whole numbers, including common factors and common multiples, and express a given number as a product of 2 or 3 factors.			**5NPV-4 -** Divide 1 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in units of 1 with 2, 4, 5 and 10 equal parts.

MEADOW GREEN PRIMARY SCHOOL
Year 5 –Yearly Overview –Spring 2025

	Week 1 – 3 (Block 1: 3 weeks)	**Week 4 – 5** (Block 2: 1.5 weeks)	**Week 5 – 8** (Block 3: 3 weeks)	**Week 8 – 9** (Block 4: 2 weeks)	**Week 10** (0.5 week)	**Week 11 – 13** (Block 1: 3 weeks)
	Number: Multiplication and division B	Number: Fractions B	Number: Decimals and Percentages	Measurement: Perimeter and Area	Assessment	Geometry: Properties of shapes
White Rose Maths Small Steps	• Multiply up to a 4-digit number by a 1-digit number • Multiply a 2-digit number by a 2-digit number (area model) • Multiply a 2-digit number by a 2-digit number • Multiply a 3-digit number by a 2-digit number • Multiply a 4-digit number by a 2-digit number • Solve problems with multiplication • Short division • Divide a 4-digit number by a 1-digit number • Divide with remainders • Efficient division • Solve problems with multiplication and division **ASSESSMENT**	• Multiply a unit fraction by an integer • Multiply a non-unit fraction by an integer • Multiply a mixed number by an integer • Calculate a fraction of a quantity • Fraction of an amount • Find the whole • Use fractions as operators **ASSESSMENT**	• Decimals up to 2 decimal places • Equivalent fractions and decimals (tenths) • Equivalent fractions and decimals (hundredths) • Equivalent fractions and decimals • Thousandths as fractions • Thousandths as decimals • Thousandths on a place value chart • Order and compare decimals (same number of decimal places) • Order and compare any decimals with up to 3 decimal places • Round to the nearest whole number • Round to 1 decimal place • Understand percentages • Percentages as fractions • Percentages as decimals • Equivalent fractions, decimals and percentages **ASSESSMENT**	• Perimeter of rectangles • Perimeter of rectilinear shapes • Perimeter of polygons • Area of rectangles • Area of compound shapes • Estimate area **ASSESSMENT**	***Arithmetic and Reasoning assessment** ***KIRF checks**	•Understand and use degrees. •Classify angles •Estimate angles •Measure angles up to 180 •Draw lines and angles accurately. •Calculate angles around a point. •Calculate angles on a straight line. •Lengths and angles in shapes. •Regular and irregular polygons. •3D shapes. **ASSESSMENT**
Dfe guidance (Ready to Progress criteria)	**5MD-3 -** Multiply any whole number with up to 4 digits by any one-digit number using a formal written method. **5MD-4 -** Divide a number with up to 4 digits by a one-digit number using a formal written method, and interpret remainders appropriately for the context.	**5F-1 -** Find non-unit fractions of quantities. **5F-2 -** Find equivalent fractions and understand that they have the same value and the same position in the linear number system.	**5NPV-1 -** Know that 10 tenths are equivalent to 1 one, and that 1 is 10 times the size of 0.1. Know that 100 hundredths are equivalent to 1 one, and that 1 is 100 times the size of 0.01. Know that 10 hundredths are equivalent to 1 tenth, and that 0.1 is 10 times the size of 0.01 **5NPV-2 -** Recognise the place value of each digit in numbers with up to 2 decimal places, and compose and decompose numbers with up to 2 decimal places using standard and non-standard partitioning. **5NPV-5 -** Convert between units of measure, including using common decimals and fractions. **5F-3 -** Recall decimal fraction equivalents for $\frac{1}{4}, \frac{1}{2}, \frac{1}{5}, \frac{1}{10}$ and for multiples of these proper fractions.	**5G-2 -** Compare areas and calculate the area of rectangles (including squares) using standard units.		**5G-1 -** Compare angles, estimate and measure angles in degrees (°) and draw angles of a given size.

MEADOW GREEN PRIMARY SCHOOL
Year 5 –Yearly Overview – Summer 2025

	Week 1-2 (Block 2: 2 weeks)	**Week 3-5** (Block 3: 3 weeks)	**Week 6-7** (Block 4: 1.5 week)	**Week 8-9** (Block 5: 2 weeks)	**Week 10** (Block 6: 1 week)	**Week 11** (1 weeks)
	Geometry: Position and Direction	Number: Decimals	Number: Negatives	Measurement: Converting units	Measurement: Volume	Assessment
White Rose Maths Small Steps	•Read and plot co-ordinates •Problem solving with co-ordinates •Translation. •Translation with coordinates. •Lines of symmetry •Reflection in horizontal and vertical lines **ASSESSMENT**	•Use known facts to add and subtract decimals within 1. •Complements to 1. •Add and subtract decimals across 1 •Add decimals with the same number of decimal places. •Subtract decimals with the same number of decimal places. •Add decimals with a different number of decimal places. •Subtract decimals with a different number of decimal places. •Efficient strategies for adding and subtracting decimals. •Decimal sequences. •Multiply decimals by 10, 100 and 1000. •Divide decimals by 10, 100 and 1,000. •Multiply and Divide decimals – missing values **ASSESSMENT**	•Understand negative numbers •Count through zero in 1s •Count through zero in multiples •Compare and order negative numbers •Find the difference **ASSESSMENT**	•Kilograms and kilometres. •Millimetres and millilitres. •Convert units of length •Convert between metric and imperial units. •Convert units of time. •Calculate with timetables. **ASSESSMENT**	•Cubic centimetres •Compare volume. •Estimate volume. •Estimate capacity.	**ASSESSMENT** ***Arithmetic and Reasoning assessment** ***KIRF checks** Consolidation of any learning needed.
Dfe guidance (Ready to Progress criteria)	**5NPV-4 -** Divide 1 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in units of 1 with 2, 4, 5 and 10 equal parts. **5NPV-5 -** Convert between units of measure, including using common decimals and fractions.	**5NPV-3 -** Reason about the location of any number with up to 2 decimals places in the linear number system, including identifying the previous and next multiple of 1 and 0.1 and rounding to the nearest of each. **5NF-2 -** Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 1 tenth or 1 hundredth). **5MD-1 -** Multiply and divide numbers by 10 and 100; understand this as equivalent to making a number 10 or 100 times the size, or 1 tenth or 1 hundredth times the size.				