Year 5 –Yearly Overview -Autumn

	Block 1	Block 2	Block 3	Block 4
	Number: Place Value	Number: Addition and Subtraction	Number: Multiplication and Division A	Number Fractions A
White Rose Maths Small Steps	• Roman numerals to 1,000 • numbers to 10,000 • Numbers to 100,000 • Numbers to 1,000,000 • Ready and write numbers to 1,000,000 • Powers of 10 • 10/100/1000/10,000/100,000 • Patriion numbers to 1,000,000 • Number line to 1,000,000 • compare and order numbers to 100,000 • Round to the nearest 10,100,1000 • round within 100,000 • round within 1,000,000	• mental strategies • add whole numbers with more than four digits • subtract whole numbers with more than four digits • round to check answers • inverse operations • multi-step addition and subtraction problem • compare calculation • find missing numbers	• Multiples. • common multiples • Factors. • Common factors. • Prime numbers. • Square numbers. • Cube numbers. • Multiplying by 10, 100 and 1000. • Dividing by 10, 100 and 1000. • Multiples of 10, 100 and 1000.	• Find fractions equivalent to a unit fraction • Find fractions equivalent to a non-unit fraction • Recognise equivalent fractions • Convert improper fractions to a mixed number • Convert mixed numbers to improper fractions • compare fractions less than 1 • order fractions less than 1 • add and subtract fractions with the same denominator • Add fractions within 1 • Add a mixed number • Add two mixed numbers • Subtract fractions • Subtract fractions from a mixed number • Subtract fractions from a mixed number - breaking the whole
Ready to progress DFE	**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–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.		**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. **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 appropriate	**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. **5F–3** Recall decimal fraction equivalents for , , and , and for multiples of these proper fractions.

Year 5 –Yearly Overview -Spring

	Week 1-3 (Block 1)	Week 4-9 (Block 2)	Week 10-11 (Block 3)	Week 12
	Number: Multiplication and division	Number: Fractions	Number: Decimals and Percentages	Consolidation
White Rose Maths Small Steps	• Multiply 4 digits by 1 digit. • Multiply 2 digits (area model). • Multiply 2 digits by 2 digits. • Multiply 3 digits by 2 digits. • Multiply 4 digits by 2 digits. • Divide 4 digits by 1 digit. • Divide with remainders.	• Equivalent fractions. • Improper fractions to mixed numbers. • Mixed numbers to improper fractions. • Number sequences. • Compare and order fractions less than 1. • Compare and order fractions greater than 1. • Add and subtract fractions. • Add fractions within 1. • Add 3 or more fractions. • Add fractions. • Add mixed numbers. • Subtract fractions. • Subtract mixed numbers. • Subtract breaking the whole. • Subtract 2 mixed numbers. • Multiply unit fractions by an integer. • Multiply non unit fractions by an integer. • Multiply mixed numbers by integers. • Fraction of an amount. • Using fractions as operators.	• Decimals up to 2 d.p. • Decimals as fractions (1). • Decimals as fractions (2). • Understand thousandths. • Thousands as decimals. • Rounding decimals. • Order and compare decimals. • Understand percentages. • Percentages as fractions and decimals. • Equivalent F.D.P.	All
Ready to progress DFE	**5NF–1** Secure fluency in multiplication table facts, and corresponding division facts, through continued practice **5NF–2** Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 1 tenth or 1 hundredth).	**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. **5F–3** Recall decimal fraction equivalents for , , and , and for multiples of these proper fractions.	**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 nonstandard partitioning. **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. 5NPV–5 Convert between units of measure, including using common decimals and fractions.	

Year 5 –Yearly Overview -Summer

	Week 1 –4 (BLOCK 1)	Week 5-7 (BLOCK 2)	Week 8 (Block 3)	Week 9-10 (Block 4)	Week 11 (Block 5)	Week 12
	Number: Decimals	Geometry: Properties of shapes	Geometry: Position and Direction	Measurement: Converting units	Measurement: Volume	Consolidation
White Rose Maths Small Steps	• Adding decimals within 1. • Subtracting decimals within 1. • Complements to 1. • Adding decimals crossing the whole. •Adding decimals with the same number of decimal places. •Subtracting decimals with the same number of decimal places. •Adding decimals with a different number of decimal places. •Subtracting decimals with a different number of decimal places. • Adding and subtracting whole and decimals. • Decimal sequences. • Multiplying decimals by 10, 100 and 1000. • Dividing decimals by 10, 100 and 1,000.	• Measuring angles in degrees. • Measuring with a protractor. • Drawing lines and angles accurately. •Calculating angles on a straight line. •Calculating angles around a point. •Calculating lengths and angles in shapes. • Regular and irregular polygons. • Reasoning about 3D shapes.	• Position in the first quadrant. • Reflection. • Reflection with coordinates. • Translation. • Translation with coordinates.	• Kilograms and kilometres. • Milligrams and millilitres. • Metric units. • Imperial units. • Converting units of time. • Timetables.	• What is volume? • Compare volume. • Estimate volume. • Estimate capacity.	All
Ready to progress DFE		**5G–1** Compare angles, estimate and measure angles in degrees (°) and draw angles of a given size.		5NPV–5 Convert between units of measure, including using common decimals and fractions.		

Missed objective not present on the Y5 curriculum:

	Measurement: Time	Measurement: Money
Objectives to be Included from	• Hours, minutes and seconds. • Years, months, weeks and days. • Analogue to digital 12 hour. • Analogue to digital 24 hour.	• Pounds and pence. • Ordering amounts of money. • Using rounding to estimate money. • Four operations.
Previous learning	• Months and years. • Hours in a day. • Telling the time to 5 minutes. • Telling the time to the minute. • AM and PM. • 24 hour clock. • Finding the duration. • Comparing the duration. • Start and end times. • Measuring time in seconds.	• Pounds and pence. • Converting pounds and pence. • Adding money. • Subtracting money. • Giving change.