White Rose Maths V3 – Autumn Term – Y4

Block 1 – Place Value	Block 2 – Addition & Subtraction	Block 3 - Area	Block 4 – Multiplication & Division A
Represent numbers to 1,000	Add and subtract 1s, 10s, 100s and 1,000s	What is area?	Multiples of 3
Partition numbers to 1,000	Add up to two 4-digit numbers - no exchange	Counting squares	Multiply and divide by 6
Number line to 1,000	Add two 4-digit numbers - one exchange	Make shapes	6 times-table and division facts
Thousands	Add two 4-digit numbers– more than one exchange	Compare area	Multiply and divide by 9
Represent numbers to 10,000	Subtract two 4-digit numbers - no exchange		9 times-table and division facts
Partition numbers to 10,000	Subtract two 4-digit numbers - one exchange		The 3, 6 and 9 times-tables
Flexible partitioning of numbers to 10,000	Subtract two 4-digit numbers – more than one exchange		Multiply and divide by 7
Find 1, 10, 100, 1,000 more or less	Efficient subtraction		7 times-table and division facts
Number line to 10,000	Estimate answers		11 times-table and division facts
Estimate on a number line to 10,000	Checking strategies		12 times-table and division facts
Compare numbers to 10,000			Multiply by 1 and 0
Order numbers to 10,000			Divide by 1 and itself
Roman numerals			Multiply three numbers
Round to the nearest 10			
Round to the nearest 100			
Round to the nearest 1,000			
Round to the nearest 10, 100 or 1,000			

White Rose Maths V3 – Spring Term – Y4			
Block 1 – Multiplication & Division B	**Block 2 – Length & Perimeter**	**Block 3 - Fractions**	**Block 4 – Decimals A**
Factor pairs	Measure in kilometres and metres	Understand the whole	Tenths as fractions
Use factor pairs	Equivalent lengths (kilometres and metres)	Count beyond 1	Tenths as decimals
Multiply by 10	Perimeter on a grid	Partition a mixed number	Tenths on a place value chart
Multiply by 100	Perimeter of a rectangle	Number lines with mixed numbers	Tenths on a number line
Divide by 10	Perimeter of rectilinear shapes	Compare and order mixed numbers	Divide a 1-digit number by 10
Divide by 100	Find missing lengths in rectilinear shapes	Understand improper fractions	Divide a 2-digit number by 10
Related facts – multiplication and division	Calculate the perimeter of rectilinear shapes	Convert mixed numbers to improper fractions	Hundredths as fractions
Informal written methods for multiplication	Perimeter of regular polygons	Convert improper fractions to mixed numbers	Hundredths as decimals
Multiply a 2-digit number by a 1-digit number	Perimeter of polygons	Equivalent fractions on a number line	Hundredths on a place value chart
Multiply a 3-digit number by a 1-digit number		Equivalent fraction families	Divide a 1 or 2-digit number by 100
Divide a 2-digit number by a 1-digit number (1)		Add two or more fractions	
Divide a 2-digit number by a 1-digit number (2)		Add fractions and mixed numbers	
Divide a 3-digit number by a 1-digit number		Subtract two fractions	
Correspondence problems		Subtract from whole amounts	
Efficient multiplication		Subtract from mixed numbers	

White Rose Maths V3 – Summer Term – Y4

Block 1 – Decimals B	Block 2 – Money	Block 3 - Time	Block 4 - Shape	Block 5 – Statistics	Block 6 – Position & Direction
Make a whole with tenths	Write money using decimals	Years, months, weeks and days	Understand angles as turns	Interpret charts	Describe position using coordinates
Make a whole with hundredths	Convert between pounds and pence	Hours, minutes and seconds	Identify angles	Comparison, sum and difference	Plot coordinates
Partition decimals	Compare amounts of money	Convert between analogue and digital times	Compare and order angles	Interpret line graphs	Draw 2-D shapes on a grid
Flexibly partition decimals	Estimate with money	Convert to the 24-hour clock	Triangles	Draw line graphs	Translate on a grid
Compare decimals	Calculate with money	Convert from the 24-hour clock	Quadrilaterals		Describe translation on a grid
Order decimals	Solve problems with money		Polygons		
Round to the nearest whole number			Lines of symmetry		
Halves and quarters as decimals			Complete a symmetric figure		

	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 term

Number
Place value
FREE TRIAL
VIEW

Number
Addition and subtraction
VIEW

Measurement
Area
VIEW

Number
Multiplication and division A
VIEW

Consolidation

Spring term

Number
Multiplication and division B
VIEW

Measurement
Length and perimeter
VIEW

Number
Fractions
VIEW

Number
Decimals A
VIEW

Summer term

Number
Decimals B
VIEW

Measurement
Money
VIEW

Measurement
Time
VIEW

Consolidation

Geometry
Shape
VIEW

Statistics
VIEW

Geometry
Position and direction
VIEW