Year 4 Maths Overview

	Wk 1	Wk 2	Wk 3	Wk 4	Wk 5	Wk 6	Wk 7	Wk 8	Wk 9	Wk 10	Wk 11	Wk 12
Autumn	Number: Place Value				Number: Addition & Subtraction				Number: Multiplication & Division			
Spring	Number: Multiplication & Division				Number: Fractions				Number: Decimals			
Summer	Measurement: Length, Perimeter and Area		Measurement: Money		Measurement: Time			Geometry: Position & Direction		Geometry: Shape		Statistics

Year 4 Maths Overview WRH Oak National Academy Add in RPS mentioned in the NC

	Wk 1	Wk 2	Wk 3	Wk 4	Wk 5	Wk 6	Wk 7	Wk 8	Wk 9	Wk 10	Wk 11	Wk 12
Autumn	**Place Value** Unit 2 to secure PV understanding to 1,000 Thousands Represent numbers to 10,000 Counting in 10s, 100s and 1,000s Counting in 25s Unit 4 Partition numbers to 10,000 (inc. flexibly) Compare and order 4-digit numbers Find 10, 100 and 1000 more or less Number line to 10,000 (inc. estimating) Rounding to the nearest 10, 100 and 1,000 Linking rounding and estimation Negative numbers (can use **Year 5** unit 6 steps 1-5 to aid) Roman numerals to 100 (inc. understanding of number system) RPS – number and practical problems that involve all of above				**Addition & Subtraction** Unit 1 to recap column addition Unit 5 – column addition with 4-digits Unit 1 to recap column subtraction Unit 5 – column subtraction with 4-digits Use strategies to make calculations more efficient Estimate answers Checking strategies (inverse) RPS – two-step problems in context				**Multiplication & Division** Multiplying by 1 and 0, dividing by 1 and itself Recap of 2, 5, 10, 3, 4, 8 times tables Unit 7 and 8 - Link between the 3 and 6 times table Unit 9 – the 9 times table Unit 10 – link between the 3 and 9 times table Unit 11 – the 7 times table 11 and 12 times table **Year 5** unit 15 - Multiplying 3 numbers Unit 12 - Factor pairs (use WRH to add as needed) Unit 13 – distributive law		
Spring	**Multiplication & Division** Unit 14 – multiplying and dividing by 10 and 100 Related facts Multiply 2-digit and 3-digit numbers by 1-digit numbers Divide 2-digit and 3-digit numbers by 1-digit numbers Efficient multiplication Correspondence problems RPS – two-step problems in context, integer scaling problems			**Fractions** Unit 16 – review of fractions (inc. fractions of amounts) Unit 17 – fractions greater than 1 Unit 18 – mixed number, compare and order on a number line (counting in tenths and hundredths) Unit 19 and 21 – adding and subtracting fractions Unit 20 – converting between improper fractions and mixed numbers Equivalent fractions RPS – solve problems involving increasingly harder fractions to calculate quantities, solve simple measure and money problems involving fractions and decimals				**Decimals** **Year 5** Unit 1 and 2 – tenths and hundredths Dividing 1 and 2-digit numbers by 10 and 100 Making wholes using decimals Partitioning decimals Compare and order decimals Rounding 1dp to the nearest whole number Halves and quarters as decimals RPS – solve simple measure and money problems involving fractions and decimals		

https://whiteroseeducation.com/resources?year=year-4-new&subject=maths
https://www.thenational.academy/teachers/curriculum/maths-primary/units

Year 4 Maths Overview WRH Oak National Academy Add in RPS mentioned in the NC

Summer	**Measurement – Length, Perimeter and Area** (use Unit 3 to support) Recap cm and mm (extend to decimals) Measure in km and m Equivalent lengths (mm, cm, m, km) Compare lengths Unit 6 Understanding perimeter Counting and calculating perimeter Calculating perimeter of rectangles Calculating unknown lengths Calculating perimeter of polygons Introducing area Area by counting squares	**Measurement - Money** Link between money and decimals Convert between pounds and pence Comparing amounts of money Estimating with money Calculating with money	**Measurement - Time** Unit 23 Read 12 and 24 hour time on a digital clock Convert between 12 and 24 hour time Convert between minutes and seconds and hours Convert between days, weeks, months and years	**Geometry - Position & Direction** Unit 15 Give directions on a grid Move objects on a gird Describe translations Draw translated polygons Plot points Mark translations Write coordinates Draw polygons Translate polygons	**Geometry – Shape** Recap of angles Identifying angles Comparing and ordering angles Types of triangles Types of quadrilaterals Polygons (regular/irregular) Unit 22 Completing symmetrical figures Composing symmetrical shapes Investigate and find lines of symmetry Reflect shapes in various ways Draw symmetric patterns	**Statistics** Interpret charts (discrete data) Comparison, sum and difference problems Line graphs (continuous data)

https://whiteroseeducation.com/resources?year=year-4-new&subject=maths
https://www.thenational.academy/teachers/curriculum/maths-primary/units