Year 3 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						Measurement: Length & Perimeter		
Summer	Measurement: Mass and Capacity		Measurement: Money		Measurement: Time			Geometry: Shape		Statistics		Consolidation

Year 3 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** (use unit 1 and 2 to recap where necessary) Unit 3 - Bridging 100 and counting on from 100 Unit 5 Representing 3-digit numbers Reading and writing numbers up to 1,00 in numerals and words Counting forwards and backwards in multiples of 1, 2, 5, 20, 50, and 100 Partitioning 3-digit numbers (inc. flexible) Find 1, 10 and 100 more or less (unit 2/5 to support) Comparing and order 3-digit numbers Number lines (including estimating) RPS – solve number and practical problems			**Addition and Subtraction** Using partitioning to add/subtract mentally (unit 8 and 9) Unit 10 Introduction to column addition Add 2-digit numbers (with and without regrouping) Add 3-digit numbers (with and without regrouping) Adding numbers with different number of digits (with and without regrouping) Use known facts to accurately calculate/check Unit 12 Introduction to column subtraction Subtract 2-digit numbers (with and without regrouping) Subtract 3-digit numbers (with and without regrouping) Subtracting numbers with different number of digits (with and without regrouping) Use known facts, inverse and estimation to accurately calculate/check RPS - Missing number and problems using number facts/PV. Solve problems in context, deciding which operation					**Multiplication and Division** Revise 2, 5 and 10 times table Unit 11 4x table and the relationship with the 2x table 8x table and the relationship with the 2/4x table 3x table Suing commutativity and associativity for mental calculation Related facts by 10 and 100		

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Spring	**Multiplication and Division** Grid multiplication introduction Multiply 2-digit by 1-digit Division method introduction Divide a 2-digit number by a 1-digit number Correspondence and scaling problems RPS – missing number, positive integer scaling. Solve problems in context, deciding which operation	**Fractions** Unit 13 Understand parts and wholes in relation to each other (use unit 16 to support) Identify equal parts Construct a whole Unit fractions Compare and order unit fractions – same denominator (unit 15) Find unit fractions of quantities (unit 16) Unit 17 Link between unit fractions and non-unit fractions Identifying non-unit fractions Completing the whole Tenths – understand, count in, calculate Fractions on a number line Comparing non-unit fractions (same denominator and numerator) Find non-unit fractions of quantities Equivalent fractions using diagrams Unit 18 Add fractions with the same denominator Add fractions to make a whole Subtract fractions with the same denominator Subtract fractions from a whole RPS – solve problems that involve all of above (in context)	**Measurement – Length and Perimeter** Measure and compare lengths (m, cm, mm) Measure the perimeter of simple 2D shapes Convert between measurements Add and subtract lengths (unit 4 to support)

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Summer	**Measurement – Mass and Capacity** Measure and compare mass (kg/g) Add and subtract mass Convert between measurements Compare measurements Measure and compare capacity (ml/) Add and subtract capacity Convert between measurements Compare measurements (unit 6 to support)	**Measurement – Money** Calculate amounts using coins and notes Add and subtract money Give change	**Measurement – Time** Unit 20 Recap half/quarter past Tell the time to 5 minutes Tell the time to the nearest minute Roman numerals (1-12) Am and pm Units of time (years, months, days, hours, minutes, seconds) Compare units of time Estimate and compare duration	**Geometry – shape** Unit 7 Understand angles Identify and describe right angles in relation to turns Compare angles in relation to right angles (acute and obtuse) Draw 2D shapes (unit 19) Triangles Quadrilaterals Apply knowledge of right angles to shapes Unit 19 Horizontal and vertical lines Parallel and perpendicular lines Apply knowledge to shapes Draw shapes given properties Symmetrical ore not symmetrical Make 3D shapes 3D shapes and their properties (unit 14 – symmetry)	**Statistics** Tables – read, interpret, present Pictograms – read, interpret, present Bar chart – read, interpret, present RPS – solve one-step and two-step problems using information presented (unit 9 step 7)	Consolidation

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