



White Rose Maths - Yearly Overview: Year 3/4

	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 Year 3/4	Number: Place Value <ul style="list-style-type: none"> • Step 1 Hundreds, tens and ones • Step 2 Represent numbers to 1,000 • Step 3 Partition numbers to 1,000 • Step 4 Thousands • Step 5 Represent numbers to 10,000 • Step 6 Partition numbers to 10,000 • Step 7 Flexible partitioning • Step 8 Find 1, 10, 100 or 1,000 more or less • Step 9 Number lines to 1,000 • Step 10 Number lines to 10,000 • Step 11 Estimate on a number line • Step 12 Compare numbers • Step 13 Order numbers • Step 14 Round to the nearest 10 • Step 15 Round to the nearest 100 • Step 16 Round to the nearest 1,000 • Step 17 Round to the nearest 10, 100 or 1,000 • Step 18 Roman numerals 				Number: Addition and subtraction <ul style="list-style-type: none"> • Step 1 Add and subtract 1s, 10s, 100s, 1,000s • Step 2 Add 1s, 10s, 100s, 1,000s across a boundary • Step 3 Subtract 1s, 10s, 100s, 1,000s across a boundary • Step 4 Make connections • Step 5 Add up to two 4-digit numbers – no exchange • Step 6 Add up to two 4-digit numbers (across a 10) • Step 7 Add up to two 4-digit numbers (across a 100) • Step 8 Add up to two 4-digit numbers (across a 1,000) • Step 9 Add numbers with a different number of digits • Step 10 Subtract up to two 4-digit numbers – no exchange • Step 11 Subtract up to two 4-digit numbers (across a 10) • Step 12 Subtract up to two 4-digit numbers (across a 100) • Step 13 Subtract up to two 4-digit numbers (across a 1,000) • Step 14 Subtract numbers with a different numbers of digits • Step 15 Complements to 100 and 1,000 • Step 16 Estimate answers • Step 17 Inverse operations • Step 18 Efficient methods 				Number: Multiplication and division A <ul style="list-style-type: none"> • Step 1 Arrays • Step 2 Sharing and grouping • Step 3 The 2, 5 and 10 times-tables • Step 4 The 4 times-table • Step 5 The 8 times-table • Step 6 The 2, 4 and 8 times-tables • Step 7 The 3 times-table • Step 8 The 6 times-table • Step 9 The 9 times-table • Step 10 The 3, 6 and 9 times-tables • Step 11 The 7 times-table • Step 12 The 11 times-table • Step 13 The 12 times-table • Step 14 Multiply by 1 and 0 • Step 15 Divide a number by 1 and itself 				Measurement: Area <ul style="list-style-type: none"> • Step 1 What is area? • Step 2 Count squares • Step 3 Make shapes • Step 4 Compare areas

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Spring Year 3/4	Number: Multiplication and division B <ul style="list-style-type: none"> • Step 1 Factor pairs • Step 2 Multiply and divide by 10 and 100 • Step 3 Reasoning about multiplication • Step 4 Multiply three numbers • Step 5 Efficient multiplication • Step 6 Scaling • Step 7 Correspondence problems • Step 8 Multiply up to a 3-digit number by a 1-digit number – no exchange • Step 9 Multiply up to a 3-digit number by a 1-digit number – with exchange • Step 10 Related calculations – multiplication and division • Step 11 Divide by a 1-digit number – flexible partitioning • Step 12 Divide up to a 3-digit number by a 1-digit number – no exchange • Step 13 Divide up to a 3-digit number by a 1-digit number – with exchange • Step 14 Divide up to a 3-digit number by a 1-digit number – with remainders 			Measurement: Length and perimeter <ul style="list-style-type: none"> • Step 1 Measure in centimetres and millimetres • Step 2 Measure in kilometres and metres • Step 3 Kilometres, metres, centimetres and millimetres • Step 4 Equivalent lengths • Step 5 Add and subtract lengths • Step 6 What is perimeter? • Step 7 Calculate perimeter • Step 8 Perimeter of rectilinear shapes • Step 9 Calculate perimeter of rectilinear shapes • Step 10 Perimeter of polygons 		Number: Fractions A <ul style="list-style-type: none"> • Step 1 Understand denominators • Step 2 Compare & order unit fractions • Step 3 Understand numerators • Step 4 Understand the whole • Step 5 Fractions on a number line • Step 6 Compare & order non-unit fractions • Step 7 Equivalent fractions • Step 8 Count beyond 1 • Step 9 Partition a mixed number • Step 10 Compare & order mixed numbers • Step 11 Understand improper fractions • Step 12 Convert mixed numbers to improper fractions • Step 13 Convert improper fractions to mixed numbers • Step 14 Equivalent fraction families 			Measurement: Mass and capacity <ul style="list-style-type: none"> • Step 1 Measure mass in grams • Step 2 Measure mass in kilograms and grams • Step 3 Equivalent masses • Step 4 Compare mass • Step 5 Add and subtract mass • Step 6 Measure capacity and volume in millilitres • Step 7 Measure capacity and volume in millilitres and litres • Step 8 Equivalent capacities and volumes • Step 9 Compare capacity and volume • Step 10 Add and subtract capacity and volume 		Number: Fractions B <ul style="list-style-type: none"> • Step 1 Add fractions • Step 2 Add fractions and mixed numbers • Step 3 Subtract fractions • Step 4 Subtract from whole amounts • Step 5 Subtract from mixed numbers • Step 6 Unit fractions of an amount • Step 7 Non-unit fractions of an amount • Step 8 Reasoning with fractions of an amount 	



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Summer Year 3/4	Measurement: Time <ul style="list-style-type: none"> Step 1 Tell the time to 5 minutes Step 2 Tell the time to the minute Step 3 Read time of a digital clock Step 4 Use a.m. and p.m. Step 5 Convert between analogue and digital times Step 6 Convert between 12- and 24-hour clock times Step 7 Hours, minutes and seconds Step 8 Find and use durations Step 9 Years, months, weeks and days 		Number: Decimals <ul style="list-style-type: none"> Step 1 Tenths as fractions Step 2 Tenths as decimals Step 3 Tenths on a place value chart Step 4 Tenths on a number line Step 5 Hundredths as fractions Step 6 Hundredths as decimals Step 7 Hundredths on a place value chart Step 8 Halves and quarters as decimals Step 9 Make a whole Step 10 Partition decimals Step 11 Compare and order decimals Step 12 Round to the nearest whole number Step 13 Divide a number by 10 Step 14 Divide a number by 100 			Measurement: Money <ul style="list-style-type: none"> Step 1 Pound and pence Step 2 Write money using decimals Step 3 Convert pounds and pence Step 4 Compare amounts of money Step 5 Estimate with money Step 6 Add money Step 7 Subtract money Step 8 Find change Step 9 Solve problems with money 		Geometry: Shape <ul style="list-style-type: none"> Step 1 Turns and angles Step 2 Identify angles Step 3 Compare and order angles Step 4 Types of lines Step 5 Triangles Step 6 Quadrilaterals Step 7 Polygons Step 8 Draw polygons Step 9 Symmetry Step 10 3-D shapes 		Geometry: Position and direction <ul style="list-style-type: none"> Step 1 Describe position using coordinates Step 2 Plot coordinates Step 3 Draw 2-D shapes on a grid Step 4 Translate on a grid Step 5 Describe translation on a grid 	Statistics: <ul style="list-style-type: none"> Step 1 Pictograms Step 2 Interpret bar charts Step 3 Draw bar charts Step 4 Interpret line graphs Step 5 Draw line graphs Step 6 Comparison, sum and difference Step 7 Two-way tables Step 8 Collect and represent data 	