Shute Primary School Maths Mixed Age Small Steps from White Rose Maths

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Year 5/6 Autumn	Number: Place Value • Step 1 Roman numerals to 1,000 • Step 2 Numbers to 100,000 • Step 3 Numbers to 1,000,000 • Step 4 Read and write numbers to 1,000,000 • Step 5 Numbers to 10,000,000 • Step 6 Read and write numbers to 10,000,000 • Step 7 Powers of 10 • Step 8 Partition numbers to 10,000,000 • Step 9 Number line to 10,000,000 • Step 10 Compare and order any integers • Step 11 Round within 100,000 • Step 12 Round any integer • Step 13 Count through zero • Step 14 Compare and order negative numbers • Step 15 Negative numbers			Number: Addition and subtraction • Step 1 Mental strategies • Step 2 Add integers • Step 3 Subtract integers • Step 4 Inverse operations and missing numbers • Step 5 Reason from known facts	Number: Multiplication and division A • Step 1 Multiples • Step 2 Common multiples • Step 3 Factors • Step 4 Common factors • Step 5 Rules of divisibility • Step 6 Prime numbers • Step 7 Square and cube numbers • Step 8 Multiply by 10, 100 and 1,000 • Step 9 Divide by 10,100 and 1,000		Number: Fractions A • Step 1 Recognise equivalent fractions • Step 2 Equivalent fractions and simplifying • Step 3 Equivalent fractions on a number line • Step 4 Convert improper fractions to mixed numbers • Step 5 Convert mixed numbers to improper fractions • Step 6 Compare fractions (denominator) • Step 7 Compare fractions (numerator) • Step 8 Order fractions • Step 9 Add and subtract fractions with the same denominator • Step 10 Add fractions where one denominator is a multiple of the other • Step 11 Add any two fractions • Step 12 Add mixed numbers • Step 13 Subtract fractions where one denominator is a multiple of the other • Step 14 Subtract any two fractions • Step 15 Subtract from a mixed number • Step 16 Subtract from a mixed number – breaking the whole • Step 17 Subtract two mixed numbers				Number: Multiplication and division B • Step 1 Multiply a 2-digit number by a 2-digit number • Step 2 Multiply up to a 4-digit number by a 2-digit number • Step 3 Solve problems with multiplication • Step 4 Short division • Step 5 Divide a 4-digit number by a 1-digit number • Step 6 Division using factors • Step 7 Introduction to long division • Step 8 Long division with remainders • Step 9 Solve problems with division • Step 10 Efficient division • Step 11 Solve multi-step problems	

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				• Step 18 Multi-step problems	• Step 12 Order of operations • Step 13 Mental calculations and estimation • Step 14 Reason from known facts

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Year 5/6 Spring	Number: Multiplication and division B • Step 1 Multiply a unit fraction by an integer • Step 2 Multiply a non-unit fraction by an integer • Step 3 Multiply a mixed number by an integer • Step 4 Multiply fractions by fractions •	Number: Fractions B • Step 1 Decimals up to 2 decimal places • Step 2 Decimals up to 3 decimal places • Step 3 Place value – integers and decimals • Step 4 Order and compare decimals (same number of d.p.) Step 5 Order and compare decimals with up to 3 decimal places •		Number: Decimals A • Step 1 Perimeter of rectangles and rectilinear shapes • Step 2 Area of rectangles • Step 3 Area of compound shapes • Step 4 Estimate area • Step 5 Area of triangles • Step 6 Area of parallelograms • Step 7 Volume – cubic		Measurement: Area, perimeter and volume • Step 1 Use known facts to add and subtract decimals within 1 • Step 2 Complements to 1 • Step 3 Add and subtract decimals across 1 • Step 4 Add decimals with the same number of d.p. • Step 5 Subtract decimals with the same number of		Number: Decimals B • Step 1 Equivalent fractions and decimals – tenths • Step 2 Equivalent fractions and decimals – hundredths • Step 3 Equivalent fractions and decimals – thousandths • Step 4 Fractions as division • Step 5 Understand percentages • Step 6 Percentages as fractions • Step 7 Percentages as decimals • Step 8 Equivalent F, D, P • Step 9 Order F, D, P			Number: Fractions, decimals and Percentages • Step 1 Kilograms and kilometres • Step 2 Millimetres and millilitres • Step 3 Convert metric units • Step 4 Miles and kilometres • Step 5 Imperial measures • Step 6 Convert units of time • Step 7 Calculate with timetables	

	Step 5 Divide a fraction by an integer • Step 6 Divide any fraction by an integer • Step 7 Fraction of an amount • Step 8 Fraction of an amount – find the whole	Step 6 Round to the nearest whole number • Step 7 Round to 1 decimal place • Step 8 Round to 2 decimal places	centimetres • Step 8 Volume of a cuboid • Step 9 Compare volume • Step 10 Estimate volume and capacity	d.p. • Step 6 Add decimals with different numbers of d.p. • Step 7 Subtract decimals with different numbers of d.p. • Step 8 Efficient strategies • Step 9 Decimal sequences • Step 10 Multiply by 10, 100 and 1,000 • Step 11 Divide by 10, 100 and 1,000 • Step 12 Multiply decimals by integers • Step 13 Divide decimals by integers • Step 14 Multiply and divide decimals in contexts	• Step 10 Percentages of an amount	

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	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Year 5/6 Summer	Ratio • Step 1 Add or multiply? • Step 2 Use ratio language • Step 3 Ratio and fractions • Step 4 Use scale factors • Step 5 Similar shapes • Step 6 Ratio problems • Step 7 Proportion problems		Algebra • Step 1 Function machines • Step 2 Form expressions • Step 3 Substitution • Step 4 Formulae • Step 5 Form equations • Step 6 Solve equations • Step 7 Find pairs of values • Step 8 Solve problems with two unknowns	Geometry: Shape • Step 1 Understand and use degrees • Step 2 Classify angles (include estimate) • Step 3 Measure angles (include estimate) • Step 4 Calculate angles around a point • Step 5 Calculate angles on a straight line • Step 6 Vertically opposite angles • Step 7 Angles in a triangle (include missing angles) • Step 8 Angles in a triangle – special cases (include missing angles) • Step 9 Angles in quadrilaterals • Step 10 Regular polygons • Step 11 Irregular polygons • Step 12 Circles • Step 13 Draw shapes • Step 14 3-D shapes			Geometry: Position and Direction • Step 1 The first quadrant • Step 2 Four quadrants • Step 3 Solve problems with coordinates • Step 4 Translations • Step 5 Lines of symmetry • Step 6 Reflections		Statistics • Step 1 Draw line graphs • Step 2 Read and interpret line graphs • Step 3 Bar charts (to include dual bar charts) • Step 4 Tables (to include two-way table) • Step 5 Timetables • Step 6 Read and interpret pie charts • Step 7 Pie charts with percentages • Step 8 Draw pie charts • Step 9 The mean		Measurement: Converting units • Step 1 Kilograms and kilometres • Step 2 Millimetres and millilitres • Step 3 Convert metric units • Step 4 Miles and kilometres • Step 5 Imperial measures • Step 6 Convert units of time • Step 7 Calculate with timetables	

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