Autumn Term Year 3	Place Value	Addition and Subtraction	Multiplication and Division	Fractions	Measurements	Properties of Shapes	Statistics
WRM Small Steps	• Hundreds. • Represent numbers to 1,000. • 100s, 10s and 1s (1). • 100s, 10s and 1s (2). • Number line to 1,000. • Find 1, 10, 100 more or less than a given number.	• Add and subtract multiples of 100. • Add and subtract 3-digit numbers and ones – not crossing 10. • Add 3-digit and 1-digit numbers – crossing 10. • Subtract a 1-digit number from a 3-digit number – crossing 10. • Add and subtract 3-digit numbers and tens – not crossing 100. • Add a 3-digit number and tens – crossing 100. • Add and subtract 100s. • Spot the pattern – making it explicit.	• Multiplication – equal groups. • Multiplying by 3. • Dividing by 3. • The 3 times-table. • Multiplying by 4. • Dividing by 4. • The 4 times-table. • Multiplying by 8. • Dividing by 8. • The 8 times-table	• Unit and non-unit fractions. • Making the whole. • Tenths. • Count in tenths. • Tenths as decimals. • Fractions of a number line. • Fractions of a set of objects (1). • Fractions of a set of objects (2). • Fractions of a set of objects (3).	•Months and years. • Hours in a day. • Telling the time to 5 minutes. • Telling the time to the minute. • AM and PM. • 24 hour clock. • Measure length. • Equivalent lengths – m & cm. • Equivalent lengths – mm & cm. • Compare lengths. • Add lengths. • Subtraction lengths.	• Turns and angles. • Right angles in shapes. • Recognise and describe 2D shapes. • Recognise and describe 3D shapes. • Make 3D shapes.	• Bar charts.
NC Links	• Identify, represent and estimate numbers using different representations. • Find 10 or 100 more or less than a given number. • Recognise the place value of each digit in a	• Add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens, a three digit number and hundreds.	• Count from 0 in multiples of 4, 8, 50 and 100. • Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.	• Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit	• Tell and write the time from an analogue clock, including using Roman numerals from I to XII and 12-hour and 24-hour clocks.	• Recognise angles as a property of shape or a description of a turn. • Draw 2-D shapes and make	• Interpret and present data using bar charts. • Solve one-step and two-step questions [for example,

	three-digit number (hundreds, tens, ones).		• Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.	numbers or quantities by 10. • Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators. • Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators. • Solve problems that involve all of the above.	• Estimate and read time with increasing accuracy to the nearest minute. • Record and compare time in terms of seconds, minutes and hours. • Use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight. • Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).	3-D shapes using modelling materials. • Recognise 3-D shapes in different orientations and describe them.	'How many more?' and 'How many fewer?'] using information presented in scaled bar charts.
TT Statements	• I can recognise the place value of a 3 digit number. • I count find 10 more or 10 less than a given number. • I can read and write numbers to	• I can add and subtract numbers in my head, including 3 digit numbers and ones, tens and hundreds.	• I can recall and use multiplication and division facts for the 3, 4 and 8 times tables. • I can write and mentally solve multiplication and division facts for	• I can count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal	• I can read 12 hour and 24 hour clocks. • I can use vocabulary such as o'clock, am/pm, morning,	• Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different	• Interpret and present data using bar charts • Solve one-step and two-step questions

	1000 in numerals and words. • I can count from 0 in multiples of 4, 8, 50 and 100.		a 2 digit number x a 1 digit number.	parts and in dividing numbers or quantities by 10. • I can write and find fractions of a discrete set of objects/ number; unit fractions and non-unit fractions with small denominators.	afternoon, noon and midnight. • I can measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).	orientations and describe them. • Recognise angles as a property of shape or a description of a turn	e.g. 'How many more?' and 'How many fewer?' using information presented in scaled bar charts