

Maths Medium Term Plan – Small Steps (White Rose)

Reception Small Steps

Autumn	<p>Baseline – statutory and in class baseline.</p> <p>Cardinality and counting Accurate counting of sets of objects 1-5 recognition of 0 in a set 1-1 correspondence</p>	<p>Subitising 1-3</p> <p>numeral recognition 1-5</p>	<p>Composition Conceptual subitising numbers within numbers - 5</p>	<p>Comparison Comparing sets using vocab of more and less/fewer 1-5</p>	<p>Pattern AB patterns – errors to be corrected.</p>	<p>Cardinality and counting Accurate counting of sets of objects 1-10.</p> <p>Ordering numbers 0-10</p>	<p>Composition Applied conceptual subitising 1-5/ 1-7</p> <p>Part whole model to look at inverse operations</p>	<p>Comparison Comparing numbers using vocab of more and less/fewer.</p> <p>Find 1 more using tens frames/number track.</p>	<p>Shape and space Shapes that have the same features/properties -3D and 2D</p>	<p>Pattern Continuing AB and ABC patterns</p> <p>Measures Height – comparing heights using tall/short</p>
Spring	<p>Cardinality and counting Counting backwards and ordering 10-0</p>	<p>Composition Systematic approach to partitioning sets of objects 1-5 1-7 Learn number bonds – recall 1-5</p>	<p>Comparison Find 1 less using tens frames and number tracks</p> <p>1 more/1 less</p>	<p>Measures Length – long/short using 3 objects</p>	<p>Shape and space Spatial vocabulary</p>	<p>Pattern Complex patterns – transferring to shapes (circles/squares)</p> <p>ABB ABBC</p>	<p>Composition Inverse operations to split and recombine sets of objects 6-9</p>	<p>Comparison 1 more/1 less using reasoning</p>	<p>Measures Mass- heavier/lighter using 3 objects</p>	<p>Shape and space Positional language and recap on 2D and 3D shapes and their features</p>
Summer	<p>Cardinality and counting Counting beyond 10 noticing patterns that change Composition</p>	<p>Comparison Consolidating bonds to 5,4,3,2,1. Use part whole model to explain their reasons. Inverse operations</p>	<p>Measures Time – ordering of day and understanding about sequence of day and night</p>	<p>Pattern Numerical patterns including odds and evens. Link to staircase patterns.</p>	<p>Cardinality and counting Counting beyond 20 noticing patterns that change and patterns in tens</p>	<p>Composition Doubles and halves and exploring number bonds with halves. Sharing numbers and understanding their composition</p>	<p>Comparison Sharing and link to odds and evens.</p>	<p>Measures Capacity- language and ordering</p>	<p>Shape and space Features and explaining properties about shapes</p>	<p>Pattern Symmetry and reflections Number patterns numerically doubles/halves/odd/even</p>

Year 1 Small Steps

Autumn	Number: Place Value (within 10) <ul style="list-style-type: none"> Sort objects Count objects Count objects from a larger group Represent objects Recognise numbers as words Count on from any number 1 more/1 less 	<ul style="list-style-type: none"> Count backwards within 10 Compare groups by matching Fewer, more, same Less than, greater than, equal to Compare numbers Order objects and numbers The number line 	Number: Addition and subtraction (within 10) <ul style="list-style-type: none"> Introduce parts and wholes Part-whole model Write number sentences Fact families – addition facts Number bonds within 10 Systematic number bonds within 10 Number bonds to 10 Addition – add together	<ul style="list-style-type: none"> Addition – add more Addition problems Find a part Subtraction – find a part Fact families – the eight facts Subtraction – take away/cross out Take away (How many left?) Subtraction on number line Add or subtract 1 or 2 	Geometry: Shape <ul style="list-style-type: none"> Recognise and name 3D Shapes Sort 3D shapes Recognise and name 2D shapes Sort 2D Shapes Patterns with 2D and 2D shapes 	
Spring	Number: Place value (within 20) <ul style="list-style-type: none"> Count within 20 Understand 10 Understand 11, 12 and 13 Understand 14,15 and 16 Understand 17, 18 and 19 Understand 20 1 more and 1 less The number line to 20 Use a number line to 20 Estimate on a number line to 20 Compare numbers to 20 Order numbers to 20 	Number: Addition and subtraction (within 20) <ul style="list-style-type: none"> Add by counting on within 20 Add ones using number bonds Find and make number bonds to 20 Doubles Near doubles Subtract using number bonds Subtraction – count back Subtraction – finding the difference Related facts Missing number problems 	Number: Place value (within 50) <ul style="list-style-type: none"> Count from 20 – 50 20, 30, 40 and 50 Count by making groups of tens Groups of tens and ones Partition into tens and ones The number line to 50 Estimate on a number line to 50 1 more, 1 less 	Measurement: Length and Height <ul style="list-style-type: none"> Compare lengths and heights Measure length using objects Measure length in centimetres 	Measurement: Mass and Volume <ul style="list-style-type: none"> Heavier and lighter Measure mass Compare mass Full and empty Compare volume Measure capacity Compare capacity 	
Summer	Number: Multiplication and division <ul style="list-style-type: none"> Count in 2s Count in 10s Count in 5s Recognise equal groups Add equal groups Add equal groups Make arrays Make doubles Make equal groups – grouping Make equal groups - sharing 	Number: Fractions <ul style="list-style-type: none"> Recognise half of an object or shape Find half of an object or shape Recognise half of a quantity Find half of a quantity Recognise quarter of a object or shape Find a quarter of object or shape Recognise a quarter of a quantity Find a quarter of a quantity 	Geometry: Position and direction <ul style="list-style-type: none"> Describe turns Describe position – left and right Describe position – forwards and backwards Describe position – above and below Ordinal numbers 	Number: Place value (within 100) <ul style="list-style-type: none"> Count from 50 – 100 Tens to 100 Partition into tens and ones The number line to 100 1 more, 1 less Compare numbers with the same number of tens Compare any two numbers 	Measurement: Money <ul style="list-style-type: none"> Unitising Recognising coins Recognising notes Count in coins 	Measurement: Time <ul style="list-style-type: none"> Before and after Days of the week Months of the year Hours, minutes and seconds Tell the time to the hour Tell the time to the half hour

Year 2 Small Steps

Autumn	Number: Place Value <ul style="list-style-type: none"> • Numbers to 20 • Count objects to 100 by making 10s • Recognise tens and ones • Use a place value chart • Partition numbers to 100 • Write numbers to 100 in words • Flexibly partition numbers to 100 • Write numbers to 100 in expanded form 	Number: Addition and subtraction <ul style="list-style-type: none"> • 10s on the number line to 100 • 10s and 1s on the number line to 100 • Estimate numbers on a number line • Compare objects • Compare numbers • Order objects and numbers 	Number: Addition and subtraction <ul style="list-style-type: none"> • Bonds to 10 • Fact families – addition and subtraction bonds within 20 • Related facts • Bonds to 100 (tens) • Add and subtract 1s • Add by making 10 • Add three 1 digit numbers • Add to the next 10 • Add across a 10 • Subtract across 10 • Subtract from a 10 • Subtract a 1 digit number from a 2 digit number 	Geometry: Shape <ul style="list-style-type: none"> • 10 more, 10 less • Add and subtract 10s • Add two digit numbers (not across 10) • Add two 2 digit numbers (across a 10) • Subtract two 2 digit numbers (no across a 10) • Subtract two 3 digit numbers (across a 10) • Mixed addition and subtraction • Compare number sentences • Missing number problems 	
Spring	Measurement: Money <ul style="list-style-type: none"> • Count money – pence • Count money – pounds (notes and coins) • Count money – pounds and pence • Choose notes and coins • Make the same amount • Compare amounts of money • Calculate with money • Make a pound • Find change • Two step money problems 	Number: Multiplication and division <ul style="list-style-type: none"> • Recognise equal groups • Make equal groups • Add equal groups • Introduce the multiplication symbol • Multiplication sentences • Use arrays • Make equal groups – grouping • Make equal groups – sharing 	<ul style="list-style-type: none"> • The 2 times table • Divide by 2 • Doubling and halving • Odd and even numbers • The 10 times table • Divide by 10 • The 5 times tables • Divide by 5 • The 5 and 10 times table 	Measurement: Length and Height <ul style="list-style-type: none"> • Measure in centimetres • Measure in metres • Compare lengths and heights • Order lengths and heights • Four operations with lengths and heights 	Measurement: Mass, capacity and volume <ul style="list-style-type: none"> • Compare mass • Measure in grams • Measure in kilometres • Four operations with mass • Compare volume and capacity • Measure in millilitres • Measure in litres • Four operations with volume and capacity • Temperature
Summer	Number: Fractions <ul style="list-style-type: none"> • Find a third • Find the whole • Unit fractions • Non-unit fractions • Recognise the equivalence of half and two quarters • Recognise three-quarters • Find three quarters • Count in fractions up to a whole 	Measurement: Time <ul style="list-style-type: none"> • O'clock and half past • Quarter past and quarter to • Tell the time past the hour • Tell the time to the hour • Tell the time to 5 minutes • Minutes to the hour • Hours in a day 	Statistics <ul style="list-style-type: none"> • Make a tally chart • Tables • Block diagrams • Draw pictograms (1-1) • Interpret pictograms (1-1) • Draw pictograms (2, 5 and 10) • Interpret pictograms (2, 5 and 10) 	Geometry: Position and direction <ul style="list-style-type: none"> • Language of position • Describe movement • Describe turns • Describe movement and turns • Shape patterns with turns 	

Year 3 Small Steps

Autumn	Number: Place Value <ul style="list-style-type: none"> • Represent numbers to 100 • Partition numbers to 100 • Number line to 100 • Hundreds • Represent numbers to 1000 • Partition numbers to 1000 • Flexible partitioning of numbers to 1000 • Hundreds, tens and ones • Find 1, 10 or 100 more or less 	<ul style="list-style-type: none"> • Number line 1000 • Estimate on a number line to 1000 • Compare numbers to 1000 • Order numbers to 1000 • Count in 50s 	Number: Addition and subtraction <ul style="list-style-type: none"> • apply number bonds within 10 • add and subtract 1s • add and subtract 10s • add and subtract 100s • spot the pattern • add 1s across a 10 • add 10s across a 100 • subtract 1s across a 10 • subtract 10s across a 100 • make connections • add two numbers (no exchange) • Subtract two numbers (no exchange) • Add two numbers (across a 10) 	<ul style="list-style-type: none"> • Add two numbers (across a 100) • Subtract two numbers (across a 10) • Subtract two numbers (across a 100) • Add 2 digit and 3 digit numbers • Subtract a 2-digit number from a 3-digit number • Complements to 100 • Estimate answers • Inverse operations • Make decisions 	Number: Multiplication and division A <ul style="list-style-type: none"> • Multiplication – equal groups • Use arrays • Multiples of 2 • Multiples of 5 and 10 • Sharing and grouping • Multiply by 3 • Divide by 3 • The 3 times table • Multiply by 4 • Divide by 4 • The 4 times table • Multiply by 8 • Divide by 8 • The 8 times table • The 2,4 and 8 times table 	
Spring	Number: Multiplication and division B <ul style="list-style-type: none"> • Multiples of 10 • Related calculations • Reasoning about multiplication • Multiply a 2-digit number by a 1-digit number (no exchange) • Multiply a 2-digit number by a 1-digit number (with exchange) 	<ul style="list-style-type: none"> • Link multiplication and division • Divide a 2-digit number by a 1-digit number – no exchange • Divide a 2-digit number by a 1-digit number – flexible partitioning • Divide a 2-digit number by a 1-digit number – with remainders • Scaling • How many ways? 	Measurement: Length and Height <ul style="list-style-type: none"> • Measure in metres and centimetres • Measure in millimetres • Measure in centimetres and millimetres • Metres, centimetres and millimetres • Equivalent lengths (metres and centimetres) • Equivalent lengths (centimetres and millimetres) • Compare lengths • Add lengths • Subtract lengths • What is perimeter? • Measure perimeter • Calculate perimeter 	Number: Fractions A <ul style="list-style-type: none"> • Understand the denominators of unit fractions • Compare and order unit fractions • Understand the numerators of non-unit fractions • Understand the whole • Compare and order non-unit fractions • Fractions and scales • Fractions on a number line • Count in fractions on a number line • Equivalent fractions on a number line • Equivalent fractions as bar models 	Measurement: Mass and capacity <ul style="list-style-type: none"> • Use scales • Measure mass in grams • Measure mass in kilograms and grams • Equivalent masses (kilograms and grams) • Compare mass • Add and subtract mass • Measure capacity and volumes in millilitres • Measure capacity and volume in litres and millilitres • Equivalent capacities and volumes (litres and millilitres) • Compare capacity and volume • Add and subtract capacity and volume 	
Summer	Number: Fractions B <ul style="list-style-type: none"> • Add fractions • Subtract fractions • Partition the whole • Unit fractions of a set of objects • Non-unit fractions of a set of objects • Reasoning with fractions of an amount 	Measurement: Money <ul style="list-style-type: none"> • Pounds and pence • Convert pounds and pence • Add money • Subtract money • Find change 	Measurement: Time <ul style="list-style-type: none"> • Roman numerals to 12 • Tell the time to 5 minutes • Tell the time to the minute • Read time on digital clock • Use am and pm 	<ul style="list-style-type: none"> • Years, months and days • Days and hours • Hours and minutes – start and end times • Hours and minutes – duration • Minutes and seconds • Units of time • Solve problems with time 	Geometry: Shape <ul style="list-style-type: none"> • Turns and angles • Right angles • Compare angles • Measure and draw accurately • Horizontal and vertical • Parallel and perpendicular • Recognise and describe 2D shapes • Draw polygons • Recognise and describe 3D shapes • Make 3d shapes 	Statistics <ul style="list-style-type: none"> • Interpret pictograms • Draw pictograms • Interpret bar charts • Draw bar charts • Collect and represent data • Two way tables

Year 4 Small Steps

Autumn	Number: Place Value <ul style="list-style-type: none"> • Represent number to 1,000 • Partition number to 1,000 • Number line to 1,000 • Thousands • Represent numbers to 10,000 • Partition numbers to 10,000 • Flexible partitioning of number to 10,000 • Find 1, 10, 100, 1,000 more or less • Number line to 10,000 	<ul style="list-style-type: none"> • Estimate on a number line to 10,000 • Compare numbers to 10,000 • Compare numbers to 10,000 • Order number to 10,000 • Roman numerals • Round to the nearest 10 • Round to the nearest 100 • Round to the nearest 1,000 • Round to the nearest 10, 100 or 1,000 	Number: Addition and subtraction <ul style="list-style-type: none"> • Add and subtract 1s, 10s, 100s and 1,000s • Add up to two 4-digit numbers (no exchange) • Add two 4-digit numbers - one exchange • Add two 4-digit numbers – more than one exchange • Subtract two 4-digit numbers – no exchange • Subtract two 4-digit number – one exchange • Subtract two 4 digit numbers – more than one exchange • Efficient subtraction • Estimate answers • Checking strategies 	Measurement: Area <ul style="list-style-type: none"> • What is area? • Count squares • Make shapes • Compare areas 	Number: Multiplication and division A <ul style="list-style-type: none"> • Multiples of 3 • Multiply and divide by 6 • 6 times table and division facts • Multiply and divide by 9 • 9 times table and division facts • The 3, 6 and 9 times table • Multiply and divide by 7 • 7 times table and division facts • 11 times table and division facts • 12 times table and division facts • Multiply by 1 and 0 • Divide a number by 1 and itself • Multiply 3 numbers 	
Spring	Number: Multiplication and division B <ul style="list-style-type: none"> • Factor pairs • Use factor pairs • Multiply by 10 • Multiply by 100 • Divide by 10 • Divide by 100 • Related facts – multiplication and division • Informal written methods for multiplication • Multiply a 2-digit number by a 1 digit • Multiply a 3-digit number by a 1 digit • Divide a 2-digit number by a 1 digit • Divide a 2-digit number by a 1 digit (2) • Divide a 3-digit number by a 1 digit • Correspondence problems • Efficient multiplication 	Measurement: Length and perimeter <ul style="list-style-type: none"> • Measure in kilometres and metres • Equivalent lengths (kilometres and metres) • Perimeter on a grid • Perimeter of a rectangle • Perimeter of rectilinear shapes • Find missing lengths in rectilinear shapes • Calculate perimeter of rectilinear shapes • Perimeter of regular polygons • Perimeter of polygons 	Number: Fractions <ul style="list-style-type: none"> • Understand the whole • Count beyond 1 • Partition a mixed number • Number lines with mixed numbers • Compare and order mixed numbers • Understand Improper fraction • Convert mixed numbers to improper fractions 	<ul style="list-style-type: none"> • Convert improper fractions to mixed numbers • Equivalent fractions on number line • Equivalent fraction families • Add two or more fractions • Add fractions and mixed numbers • Subtract two fractions • Subtract from whole amounts • Subtract from mixed numbers 	Number: Decimals A <ul style="list-style-type: none"> • Tenths as fractions • Tenths as decimals • Tenths on a place value chart • Tenths on a number line • Divide 1-digit number by 10 • Divide 2-digit number by 10 • Hundredths as fractions • Hundredths as decimals • Hundredths on place value chart • Divide 1 or 2-digit number by 100 	
Summer	Number: Decimals B <ul style="list-style-type: none"> • Make a whole with tenths • Make a whole with hundredths • Partition decimals • Flexibly partition decimals • Compare decimals • Order decimals • Round to the nearest whole number • Halves and quarters as decimals 	Measurement: Money <ul style="list-style-type: none"> • Write money using decimals • Convert between pounds and pence • Compare amounts of money • Estimate with money • Calculate with money • Solve problems with money 	Measurement: Time <ul style="list-style-type: none"> • Years, months, weeks and days • Hours, minutes and seconds • Convert between analogue and digital times • Convert to the 24- hour clock • Convert from the 24-hour clock 	Geometry: Shape <ul style="list-style-type: none"> • Understand angles and turns • Identify angles • Compare and order angles • Triangles • Quadrilaterals • Polygons • Lines of symmetry • Complete a symmetric figure 	Statistics <ul style="list-style-type: none"> • Interpret charts • Comparison, sum and difference • Interpret line graphs • Draw line graphs 	Geometry: Position and Direction <ul style="list-style-type: none"> • Describe position using coordinated • Plot coordinates • Draw 2D shapes on a grid • Translate on a grid • Describe translation on a grid

Year 5 Small Steps

Autumn	Number: Place Value <ul style="list-style-type: none"> Roman numerals to 1,000 Numbers to 10,000 Numbers to 100,00 Numbers to 1,000,000 Read and write numbers to 1,000,000 Powers of 10 10/1-- /1,000/10,000/100,000 more or less Partition numbers to 1,000,000 	<ul style="list-style-type: none"> Number line to 1,000,000 Compare and order numbers to 100,000 Compare and order numbers to 1,000,000 Round to the nearest 10,100 or 1,000 Round within 100,000 Round within 1,000,000 	Number: Addition and subtraction <ul style="list-style-type: none"> Mental strategies Add whole numbers with more than four digits Subtract whole numbers with more than four digits Round to check answers Inverse operations (addition and subtraction) Multi-step addition and subtraction problems Compare calculations Find missing numbers 	Number: Multiplication and division A <ul style="list-style-type: none"> Multiples Common multiples Factors Common factors Prime numbers Square numbers Cube numbers Multiply by 10, 100 and 1,000 Divide by 10, 100 and 1,000 Multiples of 10, 100 and 1,000 	Number: Fractions A <ul style="list-style-type: none"> Find fraction equivalent to a unit fraction Find fractions equivalent to a non-unit fraction Recognise equivalent fractions Convert improper fractions to mixed numbers Convert mixed number to improper fractions Compare fractions less than 1 Order fractions less than 1 Compare and order fractions greater than 1 Add and subtract fractions with the same denominator 	<ul style="list-style-type: none"> Add fractions within 1 Add fractions with total greater than 1 Add to a mixed number Add two mixed numbers Subtract fractions Subtract from a mixed number Subtract a mixed number – breaking the whole Subtract two mixed numbers
Spring	Number: Multiplication and division B <ul style="list-style-type: none"> Multiply up to a 4-digit number by a 1-digit number Multiply 2-digit number by 2-digit number (area model) Multiply 2-digit number by 2-digit number Multiply 3-digit number by a 2-digit number Multiply 4-digit number by 2-digit number Solve problems with multiplication Short division Divide 4-digit number by 1-digit number Divide with remainders Efficient division Solve problems with multiplication and division 	Number: Fractions B <ul style="list-style-type: none"> Multiply a unit fraction by an integer Multiply a non-unit fraction by an integer Multiply a mixed number by an integer Calculate a fraction of a quantity Fraction of an amount Find the whole Use fractions as operations 	Number: Decimals and percentages <ul style="list-style-type: none"> Decimals up to 2 decimal places Equivalent fractions and decimals (tenths) Equivalent fraction and decimals (hundredths) Equivalent fractions and decimals Thousandths as fractions Thousandths as decimals Thousandths on a place value chart 	<ul style="list-style-type: none"> Order and compare decimals (some number of decimal places) Order and compare any decimals with up to 3 decimal places Round to the nearest whole number Round to 1 decimal place Understand percentages Percentages as fractions Percentages as decimals Equivalent fractions, decimals and percentages 	Measurement: Perimeter and area <ul style="list-style-type: none"> Perimeter of rectangles Perimeter of rectilinear shapes Perimeter of polygons Area of rectangles Area of compound shapes Estimate area 	Statistics <ul style="list-style-type: none"> Draw line graphs Read and interpret line graphs Read and interpret tables Two way tables Read and interpret timetables
Summer	Geometry: Shape <ul style="list-style-type: none"> Understand and use degrees Classify angles Estimate angles Measure angles up to 180 degrees Draw lines and angles accurately Calculate angles around a point Calculate angles on a straight line Lengths and angles in shapes Regular and irregular polygons 3D shapes 	Geometry: Position and direction <ul style="list-style-type: none"> Read and plot coordinates Problem solving with coordinates Translation Translation with coordinated Lines of symmetry Reflection in horizontal and vertical lines 	Number: Decimals <ul style="list-style-type: none"> Use known facts to add and subtract decimals within 1 Complements to 1 Add and subtract decimals across 1 Add decimals with the same number of decimals places Subtract decimals with the same number of decimal places Add decimals with different numbers of decimals places Subtract decimals with different numbers of decimal places Efficient strategies for adding and subtracting decimals Decimal sequences Multiply by 10, 100 and 1,000 Divide by 10, 100 and 1,000 Multiply and divide decimals – missing values 	Number: Negative numbers <ul style="list-style-type: none"> Understand negative numbers Count through zero in 1s Count through zero in multiples Compare and order negative numbers Find the difference 	Measurement: Converting units <ul style="list-style-type: none"> Kilograms and kilometres Millimetres and millilitres Convert units of length Convert between metric and imperial units Convert units of time Calculate with timetables 	Measurement: Volume <ul style="list-style-type: none"> Cubic centimetres Compare volume Estimate volume Estimate capacity

Year 6 Small Steps

Autumn	Number: Place Value <ul style="list-style-type: none"> • Numbers to 1,000,000 • Number to 10,000,000 • Read and write numbers to 10,000,000 • Powers of 10 • Number line to 10,000,000 • Compare and order any integers • Round any integer • Negative numbers 	Number: Addition and subtraction, multiplication and division <ul style="list-style-type: none"> • Add and subtract integers • Common factors • Common multiples • Rules of divisibility • Primes to 100 • Square and cube numbers 	<ul style="list-style-type: none"> • Multiply up to 4-digit number by 2-digit number • Solve problems with multiplication • Short division • Division using factors • Introduction to long division • Long division with remainders • Solve problems with division • Solve multi-step problems • Order of operations • Mental calculations and estimation • Reason from known facts 	Number: Fractions A <ul style="list-style-type: none"> • Equivalent fractions and simplifying • Equivalent fractions on a number line • Compare and order (denominator) • Compare and order (numerator) • Add and subtract simple fractions • Add and subtract any two fractions • Add mixed numbers • Subtract mixed numbers • Multi-step problems 	Number: Fractions B <ul style="list-style-type: none"> • Multiply fractions by integers • Multiply fractions by fractions • Divide a fraction by an integer • Divide any fraction by an integer • Mixed questions with fractions • Fraction of an amount • Fraction of an amount – find the whole 	Measurement: converting units <ul style="list-style-type: none"> • Metric measures • Convert metric measure • Calculate with metric measures • Miles and kilometres • Imperial measures
Spring	Ratio <ul style="list-style-type: none"> • Add or multiply? • Use ration language • Introduction to the ratio symbol • Ratio and fractions • Scale drawing • Use scale factors • Similar shapes • Ratio problems • Proportion problems • Recipes 	Algebra <ul style="list-style-type: none"> • 1-step function machines • 2-step function machines • Form expressions • Substitution • Formulae • Form equations • Solve 1-step equations • Solve 2-step equations • Find pairs of values • Solve problems with two unknowns 	Number: Decimals <ul style="list-style-type: none"> • Place value within 1 • Place value – integers and decimals • Round decimals • Add and subtract decimals • Multiply by 10, 00 and 1,000 • Divide by 10, 100 and 1,000 • Multiply decimals by integers • Divide decimals by integers • Multiply and divide decimals in context 	Number: Fractions, decimals and percentages <ul style="list-style-type: none"> • Decimal and fraction equivalents • Fractions as divisions • Understand percentages • Fractions to percentages • Equivalent fractions, decimals and percentages • Order fractions, decimals and percentages • Percentage of an amount – one step • Percentage of an amount – multi-step • Percentages – missing values 	Measurement: area, perimeter and volume <ul style="list-style-type: none"> • Shapes – same area • Area and perimeter • Area of a triangle – counting square • Area of a right-angles triangle • Area of any triangle • Area of a parallelogram • Volume – counting cubes • Volume of a cuboid 	Statistics <ul style="list-style-type: none"> • Line graphs • Dual bar charts • Read and interpret pie charts • Pie charts with percentages • Draw pie charts • The mean
Summer	Geometry: Shape <ul style="list-style-type: none"> • Measure and classify angles • Calculate angles • Vertically opposite angles • Angles in a triangle • Angles in a triangle – special cases 	<ul style="list-style-type: none"> • Angles in a triangle – missing angles • Angles in a quadrilateral • Angles in polygons • Circles • Draw shapes accurately • Nets of 3D shapes 	Geometry: Position and direction <ul style="list-style-type: none"> • The first quadrant • Read and plot points in four quadrants • Solve problems with coordinates • Translations • reflections 	Consolation, problem solving and SATs preparation		