Maths PROGRESSION OVERVIEW

We have designed our curriculum so that it is Inspirational, Inclusive and Ambitious.

More information about our Curriculum Intent can be found on this page on our school website.

This document sets out the details of our Writing curriculum, explaining how it is taught and why, and what children will learn. It also sets out the 'Milestones', or what we expect all children to be able to achieve in Writing in each year group.

In EYFS we use a combination of <u>White Rose</u> and <u>NCTEM</u> for maths planning. In KS1 we follow the National Curriculum use the <u>White Rose Scheme</u>.

RECEPTION (EYFS)

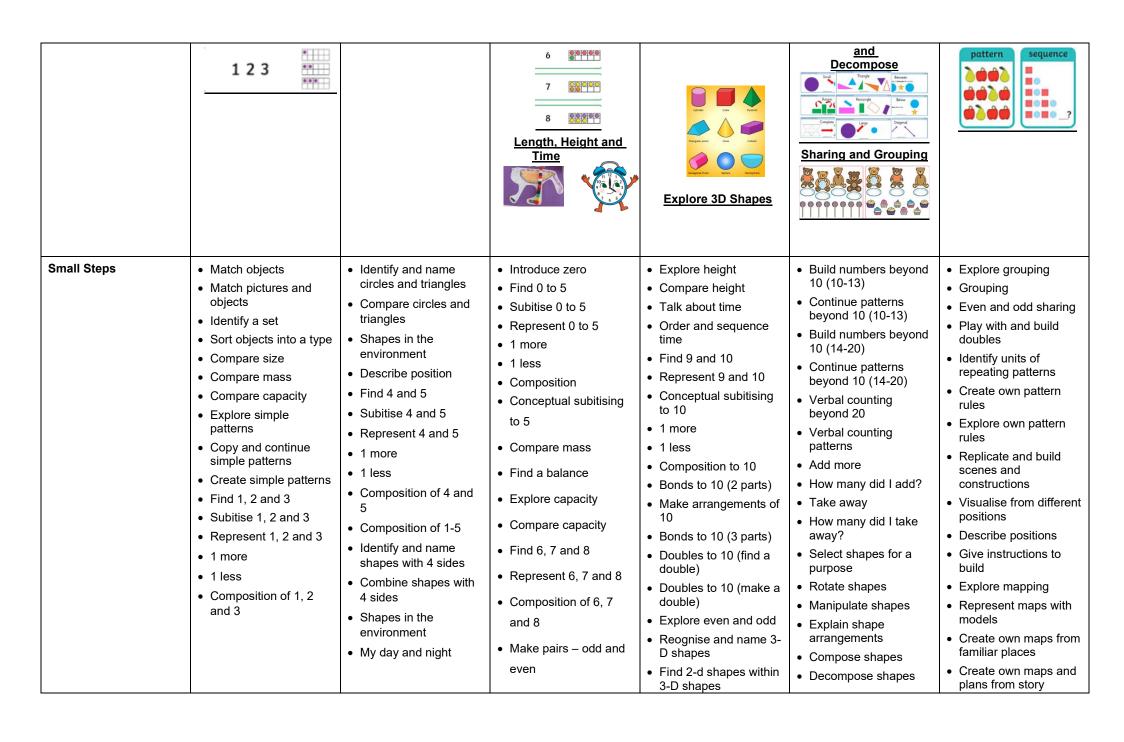
What is our vision for Maths?

It is our vision that our children:

- Children begin their mathematical journey with confidence. They notice patterns, exploring shapes, solving problems and discovering number in the world around us. Through playful, hands-on learning experiences children are empowered to experiment, question and explore Maths in a variety of ways.
- Every child sees themselves as a mathematician, developing early number sense, spatial awareness and reasoning skills.

Reception

Terms	1	2	3	4	5	6
Topic Overview	Only One You!	Let's Celebrate!	People who Help Us	Superheroes	All Creatures Great and Small	Tell me a Story
White Rose Unit Overview	Match, Sort and Compare Talk About Measure and Patterns big A A small A 1, 2, 3!	Circles and Triangles 1, 2, 3,4, 5 2 5 4 5 Shapes With 4 Sides	Alive in 5! Mass and Capacity Growing 6, 7, 8	Length, Height and Time Building 9 and 10 Time Time	To 20 and Beyond 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 How Many Now? First Then Now 2 + 1 = 3	Sharing and Grouping Visualise, Build and Map repeating pattern build spatial reasoning visualise Make Connections



			 Double to 8 (find a double) Combine 2 groups Conceptual subitising Explore length Compare length 	 Use 3-D shapes for tasks 3-D shapes in the environment Identify more complex patterns Copy and continue patterns Patterns in the environment 	 Copy 2-D shape pictures Find 2-D shapes within 3-D shapes Explore sharing Sharing 	situations Deepen understanding Patterns and relationships
Key Vocabulary	Match, different, object, set, sort, same, not the same, rule, odd one out, more, fewer, smaller, bigger, taller, longer, shorter, heavier, lighter, balance, container, more, less, capacity, pattern, altogether, subitise, counting.	Shape, same, different, sorted, move, altogether, count, group, 1 more, 1 less, parts, whole, shape, square, rectangle, small, large, now, next, later, this afternoon.	Zero, numeral, counted, group, altogether, counting, counted, 1 more than, number after, part, whole, altogether, heavier, lighter, balance, float, sink, capacity, more, fewer, container, greatest, smallest, cups of, spoonful, most, least,	Long, short, longest, shortest, the same length as, tall, taller, tallest, short, shorter, shortest, minute, evening, tomorrow, next week, weekend, yesterday, last week, last month, last year, before, after, days, 9, 10, altogether, counted, different, more, fewer, altogether, whole, parts, pattern, altogether, count, double, equal, unequal, odd, even, shape, same, 2-D, 3-D, roll, stack.	11, 12, 13, after, pattern, ten, comes after, build, counting, first, now, altogether, added, taken away, shapes, belong, match, picture, fit, arranged, next to, in front of, behind, move around, move under, move over, smallest, largest, fold, 2-D, 3-D, fair, equal, groups, left over, altogether.	Altogether, equal groups, odd, even, left over, double, pattern, repeat, next, rule, build, scene, the same, different, position, next to , above, below, positioned, behind, in front of, follow, straight, route, explain, strategy, know, need, check.
Key Facts	Identify and match objects and pictures based on attributes Sort objects into sets using different criteria Compare sets and objects using mathematical language Order objects by weight, height or capacity Continue a pattern and spot mistakes	 Identify circles and triangles Describe shape features Sorting and classifying Recognising and representing numbers 1-5 Subitising Counting with one-to-one correspondence Composition of 1, 2, 3, 4, 5 	 Introducing zero Counting and representing numbers 0 to 5 One more and one less Composition of numbers Conceptual subitising Recognising and representing 6, 7 and 8 Subitising Composition of 6, 7 	Comparing and describing length and height Using non-standard units to measure Sequencing Using timers and clocks Recognising and representing 9 and 10 Number bonds to 10 Part whole relationships Doubling and	 Counting and representing numbers to 20 Building and composing numbers to 20 Number patterns and sequencing Spatial reasoning Select, rotate and arrange shapes, Compose and decompose shapes Find 2-D shapes within 	Linking to division Use vocabulary share, group, equal, fair, same, left over Visualise objects and spaces Translate real-world spaces into maps and diagrams Build models Understand scale, layout and spatial relationships Follow and give

	 Recognise numbers 1, 2 and 3 Subitising Representing numbers One more and one less Composition of 1, 2 and 3 	One more and one less Recognise square, rectangle, rhombus and trapezium Describe properties using sides, corners/vertices, same/different	and 8 One more and one less Combining two groups Making pairs and exploring doubles Comparing and describing length and height Using non-standard units to measure Sequencing Using timers and clocks	combining groups Recognising and naming: cube, cuboid, sphere, cylinder, cone Describing properties using faces, edges and vertices Find 2-D shapes within 3-D shapes	 3-D shapes Group objects equally Understand fair sharing 	directions Use above, below, next to in front of, behind, between Strengthening number bonds Explore repeating patterns Identify rules, predict sequences and make their own patterns Use positional and comparative language
Problem Solving and Reasoning Skills Objectives	Identify patterns/rules Make decisions Explain their thinking Justify their choices Describe and explain patterns Respond to openended questions	Explore and identify shapes Sort and classify shapes Use shapes creatively Investigate shape combinations Apply number knowledge Explore composition Use one more/one less Investigate and compare shapes Use shapes creatively	 Apply number knowledge Explore composition of numbers Use one more/one less Investigate zero Find and represent numbers 6, 7 and 8 Explore number composition Explain their thinking Use mathematical vocabulary Describing patterns and relationships Compare and order Sequence events Explaining comparisons Responding to true or false questions Use time related vocabulary 	 Describing patterns and relationships Compare and order Sequence events Explaining comparisons Responding to true or false questions Use time related vocabulary Find and represent numbers 9 and 10 Explore number bonds to 10 Apply number knowledge Explain their thinking Describe number relationships Identify and sort 3-D shapes Use 3-D shapes to solve problems Explore which shapes stack or roll 	Build and represent numbers beyond 10 Explore number patterns Solve practical problems Apply place value understanding Understand how larger shapes can be made of smaller parts Describe and compare Talk about position, orientation and rotation Share equally Group objects into equal sets Investigate doubles	Identify odd and even numbers Use reasoning to predict outcomes Pattern and rule recognition Predict what comes next Develop spatial reasoning Create and interpret simple maps Use directional and positional language accurately Explore multiple solutions Identifying and describing patterns

	Describe and compare 3-D shapes Explain sorting rules						
What are the EYFS	Number and Numerical Pattern ELG: Children at the expected level of development will:						
Framework milestone	- Have a deep understanding of numbers to 10, including the composition of each number.						
aims for Maths?	- Subitise up to 5.						
	- Automatically recall number bond up to 5 and some number bonds to 10, including double facts.						
	- Verbally count beyond 20, recognising the pattern of the counting system.						
	- Compare quantities up to 10 in different contexts, recognizing when one quantity is greater than, less than or the same as the other quantity.						
- Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally							

KS1 Maths

What is our vision for Maths in KS1?	It is our vision that our children:
	 Develop a deep and lasting love for mathematics. At Key Stage One, we aim to nurture resilient learners who are eager to investigate, question, and make connections. Through hands-on experiences, engaging challenges, and meaningful real-world contexts, children will build strong foundations in number sense, shape, space, and measure. We strive to create a learning environment where mistakes are celebrated as stepping stones to understanding, and where every child feels empowered to think mathematically and express their ideas. By encouraging mathematical talk, learners are confident to think logically and make confident decisions.

Year 1

Terms	1	2	3	4	5	6
Topic Overview	Me, Myself and I!	Terrific Toys	Wheels, Wings and other things	Panic on Pudding Lane	Wondrous Weather	Our Wild World
White Rose unit overview	Place Value (within 10)	Addition and Subtraction whole part part Geometry	Addition and subtraction (within 20) Number Families + = + = + = + = + = + = + = + = + = +	Place Value (within 50) Count the tens and ones. 4 8 40 + 8 = 48 48 = 4 tens 8 ones Length and Height Length Height	Multiplication and Division 2+2+2+2= Can you share these apples between 2 groups opening apples shared between 2 groups opening. Fractions	Place Value (within 100) Court the tens and ones. Total One 8 3 80+3=83 83=8 tens 30nes Money Money 19 29 109 209 169 E1 E2 19 29 19 109 209 169 E1 E2 19 29 19 109 209 169 E1 E2 19 29 19 109 209 169 E1 E2 10 10 10 10 10 10 10 10 10 10 10 10 10 1

	gentlagen auguste reglande gentlagen		Mass and Volume	Position and Direction Left Right	Time 1 o'clock 1 1 12 1 10
• Sort objects • Count objects from a group • Represent objects • Recognise numbers words • Count on from any n • 1 more • Count backwards wi • 1 less • Compare groups by matching	facts Number bonds within 10 Systematic number bonds within 10 Wumber bonds to 10 Addition – add together	 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 Add by counting on within 20 Add ones using number bonds Find and make number bonds to 20 Doubles 	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 Compare lengths and heights Measure length using objects Measure length in centimetres Heavier and lighter Measure mass Compare mass Full and empty Compare volume Measure capacity Compare capacity	 Count in 2s Count in 10s Count in 5s Recognise equal groups Add equal groups Make arrays Make doubles Make equal groups – grouping Make equal groups – sharing Recognise a half of an object or a shape Find a half of an object or shape Recognise half of a quantity Find half of a quantity Recognise a quarter of an object or a shape Find a quarter of an object or a shape Find a quarter of an object or a shape Recognise a quarter of a quantity Find a quarter of a quantity Find a quarter of a quantity 	 Describe turns Describe position – left and right Describe position – forwards and backwards Describe position – above and below Ordinal numbers Count from 50 to 100 Tens to 100 Partition into 10s and ones The number line to 100 1 more, 1 less Compare numbers with the same number of tens Compare any two numbers Unitising Recognise coins Recognise notes Count in coins 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

Key vocabulary	Digit, numeral, figure(s),	Number line, add, plus,	the difference Related facts Missing number problems Digit, numeral, figure(s),	Digit, numeral, figure(s),	Once, twice, three times,	Direction, left, right, across,
	compare, order/a different order, size, value, between, halfway between, above, below, tens, ones	make, sum, total, near double, equals, is the same as (including equals sign), difference between, subtract, take away, minus, how many? How much? Edge, corner (point, pointed), face, side, edge, flat, curved	compare, order/a different order, size, value, between, halfway between, above, below, tens, ones Number line, add, plus, make, sum total, near double, equals, is the same as (including equals sign), difference between, subtract, takeaway, minus, how many? How much?	compare, order/a different order, size, value, between, halfway between, above, below, tens, ones Estimate, close to, about the same as, just over, just under, too many, too few, not enough, length, width, height, depth, long, longer, longest, short, shorter, shortest, tall, taller, tallest, high, higher, highest, low, wide, narrow, deep, shallow, thick, thin, far, near, close, metre, ruler, metre stick Estimate, close to, about the same as, just over, just under, mass, weigh, weighs, balances, heavy, light, heavier than, lighter than, heaviest, lightest, scales, litre, half litre, capacity, volume, full, empty, more than, less than, half full, quarter full, holds, container	five times, multiply, multiply by, repeated addition, array, divide, divided by, left over, pair Whole, equal parts, four equal parts, one half, two halves, a quarter, two quarters	close, far, near, along, through, to, from, towards, away from, movement, slide, roll, turn, whole turn, half turn Digit, numeral, figure(s), compare, order/a different order, size, value, between, halfway between, above, below, tens, ones Price, cost, buy, sell, spend, spent, pay, change, costs more, costs less, cheaper, costs the same as Time, seasons, hour, o'clock, half past, clock, watch, hands, always, never, often, sometimes, usually, days of the week, months in year, before, after, next, last, now, soon, early, late, quick, quicker, quickest, fast, faster, fastest, slow, slower, slowest, slowly, old, older, oldest, new, newer, newest, once, twice, first, second, third
Key facts	To know that 0 means nothing To know that zero comes before one	 To know that equals means the same as To know that the equals sign can go in different positions To recall number bonds to 	 To know that one more is one more 1 added To know that the numbers 11 to 19 are one ten and some ones To know that 10 is one 	 To know that height is a type of length To know that a ruler can be used to measure items, using centimetres To know that 'cm' 	look exactly the same	 To know that a clock can be used to remember quarter, half and three quarter turns To know that numbers to 100 are made up from some tens and some more
		 To recall number bonds to and within 10 fluently To know that + represents adding two or more parts To know that - represents 	 To know that 10 is one ten and no more ones To know that 20 is two tens and no more ones To know to put the 	To know that cm means centimetres To know that equal groups have the same amount	 and equal columns To know that doubling is two times the number To know that 10 is two lots of (double) 5 Double 	tens and/or ones To know in Britain that we pay in pounds and pence To know that in Britain we use coins and notes

		subtracting a part from the whole To know that when I subtract, I start with the whole number To know the names of some 2D and 3D shapes To know that 3D shapes are completely flat To know that 3D shapes are solid shapes with corners, edges and faces	biggest number first when counting on and back To know that addition is commutative (can be done both ways) To know that a number gets smaller it is subtracted	To know that capacity is how much a container can hold To know that volume describes the amount of something inside a container	into two parts To know that a quarter is something split equally into four parts	 To know that there are 7 days in a week To know that there are 12 months in the year To know that on a clock the minute hand is longer than the hour hand To know that on a clock the second hand moves the quickest To know that minutes are longer than seconds To know that hours are longer than minutes
Problem Solving and Reasoning Skills Objectives	 Use diagrams (e.g. three circles) to sort objects into three or more separate groups according to a given criterion Suggest a different criterion for grouping the same objects Say what they have found out (with support) Use concrete objects or pictures to help work out the answer 	 Identify what the question means Use concrete objects or pictures to help work out the answer With support, answer a question by recording information in lists and simple timetables 	 Explain why an answer is correct or incorrect Show the working out and the answer clearly Recognise, describe and continue more complex patterns involving numbers or shapes Make predictions and test these with examples, using mathematical language 	 Identify the key information given in a one-step puzzle or word problem Try a range of possible solutions to solve problems 	 Identify the operation to solve a one-step puzzle or word problem Use arrays to help work out the answer with support of an adult Check the answer in the context of the problem to be sure it makes sense 	 Give reasons to justify what might come next in a simple sequence of shapes or numbers Check the answer in the context of the problem to be sure it makes sense Check the answer in the context of the problem to be sure it makes sense
What are the KS1(YEAR 1?)	Number and Place Value		•			
National Curriculum aims?	 Count, read and write numbers. Given a number identify one. Identify and represent numbers. Read and write numbers from Addition and subtraction. Pupils should be taught to: 	rwards and backwards, beginners up to 100 in numerals; coule more and one less. Ders using objects and pictorial or 1 to 20 in numerals and work athematical statements involving	int in multiples of twos, fives representations including the	s and tens. ne number line, and use the	language of: equal to, more tl	han, less than (fewer), most,

• Represent and use number bonds and related subtraction facts within 20.

- Add and subtract one-digit and two-digit numbers to 20, including zero.
- Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = 🗆 9

Multiplication and division

Pupils should be taught to:

• Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.

Fractions

Pupils should be taught to:

- Recognise, find and name a half as one of two equal parts of an object, shape or quantity.
- Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.

Measurement

Pupils should be taught to:

- Compare, describe and solve practical problems for:
- Lengths and heights (for example, long/short, longer/shorter, tall/short, double/half)
- Mass/weight (for example, heavy/light, heavier than, lighter than)
- Capacity and volume (for example, full/empty, more than, less than, half full, quarter)
- Time (for example, quicker, slower, earlier, later)
- Measure and begin to record the following:
- Lengths and heights
- Mass/weight
- · Capacity and volume
- Time (hours, minutes, seconds)
- Recognise and know the value of different denominations of coins and notes
- Sequence events in chronological order using language (for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening)
- Recognise and use language relating to dates, including days of the week, weeks, months and years,
- Tell the time to the hour and half past and draw the hands on a clock face to show these times.

Geometry – properties of shapes

Pupils should be taught to:

- Recognise and name common 2-D and 3-D shapes including:
- 2-D shapes (for example, rectangles (including squares), circles and triangles).
- 3-D shapes (for example, cuboids (including cubes), pyramids and spheres).

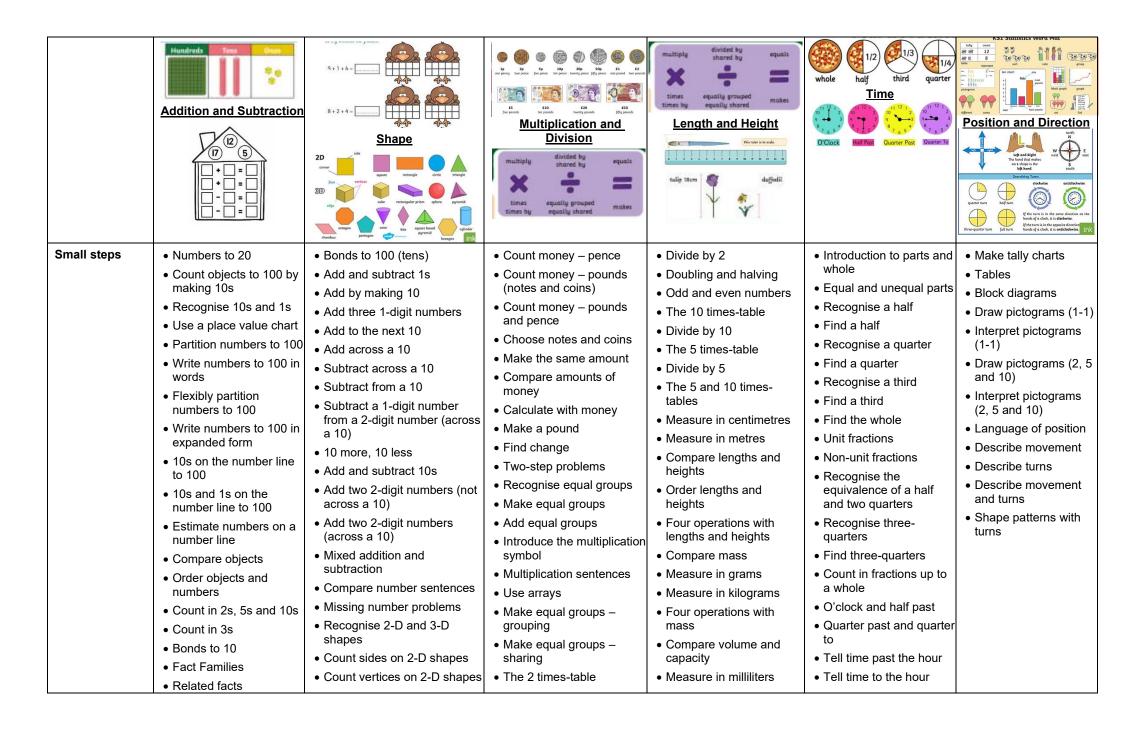
Geometry – position and direction

Pupils should be taught to:

• Describe position, direction and movement, including whole, half, quarter and three-quarter turns.

Year 2

Terms	1	2	3	4	5	6
Topic Overview	Take a Dip	Full steam ahead	Mischief and Medicine	Flourish!	In a land far, far away	Take Flight
White Rose unit overview	Place Value	Addition and Subtraction	<u>Money</u>	Multiplication and Division	<u>Fractions</u>	<u>Statistics</u>



		 Draw 2-D shapes Lines of symmetry on shapes Use lines of symmetry to complete shapes Sort 2-D shapes Count faces on 3-D shapes Count edges on 3-D shapes Make patterns with 2-D and 3-D shapes 		Measure in litres Four operations with capacity Temperature	Tell the time to 5 minutes Minutes in an hour Hours in a day	
Key vocabulary	Numbers to one hundred, hundreds, partition, recombine Re-cap year one vocabulary, inverse, bar model	Re-cap year one vocabulary, inverse, bar model Symmetrical, line of symmetry, fold, match, mirror line, reflection, corner (point, pointed), face, side, edge, surface	Price, cost, buy, sell, spend, spent, pay, change, costs more, costs less, cheaper, costs the same as Multiple of times, multiplication, lots of, division, (row, column)	Multiple of times, multiplication, lots of, division, (row, column) Centimetres, metre ruler, metre stick, metres, longer than, shorter than, taller than, shortest, longest, tallest	Three quarters, one third, a third, equivalence, equivalent, unit fraction, non-unit fraction Time, seasons, hour, o'clock, half past, clock, watch, hands, always, never, often, sometimes, usually, quarter past, quarter to, minutes past, minutes to, clock face, hands, hour hand, minute hand, hours, minutes	Vote, graph, block graph, pictogram, represent, most popular, most common, least popular, least common, tally Rotation, clockwise, anticlockwise, straight line, ninety degree turn, right angle
Key facts	 be grouped as one 10 To know that numbers can be partitioned in different ways To know the importance of the tens digit To know that addition of two numbers can be done in any order (commutative) To know that subtraction of one number from another cannot be done in any order 	 To know that addition of two numbers can be done in any order (commutative) To know that subtraction of one number from another cannot be done in any order To know that addition and subtraction are the opposite of one another (inverse) To know the names of a range of 2D and 3D shapes To know that a vertex is a corner where edges meet; that vertices are more than one corner (where edges meet) To know that vertical is a line which runs up and down a page or shape, from top to bottom To know that a curved surface 	 To know that equal groups must all have the same amount To know that arrays are made from equal rows and equal columns To know that the × symbol represents multiply To know that doubling is 2 times the number 	must all have the same amount	1/3 + 1/3 + 1/3 = 1 whole; 1/4 + 1/4 = 2/4 = 1/2;	 To know that a symbol or picture can represent an amount of data To know that a = 5 To know that clockwise is a motion that turns to the right To know that anticlockwise is a motion that turns to the left (opposite of clockwise)

		 To know that a side is a line that joins 2 vertices To know that a face is a flat surface on a 3D shape 	represents division	centimetres and metres To know that the abbreviation for centimetres is "cm" To know that the abbreviation for metres is "m" To know that metres are larger than centimetres To know that there are 100cm in 1m	hours in one day Know that there are fifteen five-minute intervals on a clock face Know that there is a minute and an hour hand on a clock	
Problem Solving and Reasoning Skills Objectives	 Justify their reasoning logically, using phrases such as 'I know thatso' or 'I am sure of that because' Explain why an answer is correct or incorrect Explain what they have found out using mathematical language Respond to 'What is?' questions, making predictions based on mathematical knowledge Identify the key information in a two-step puzzle or word problem, where the two steps are shown in the question 	 Respond to 'What is?' questions, making predictions based on mathematical knowledge Identify the key information in a two-step puzzle or word problem, where the two steps are shown in the question Record work and results in lists and simple tables Use a simple Venn diagram (two overlapping circles) to sort objects into three groups – x; y; and both x and y 	 Begin to work systematically Apply their increasing knowledge of mental and written methods Use multiplication and division methods as needed e.g. arrays, repeated addition, mental methods and facts 	 Apply their increasing knowledge of mental and written methods Use multiplication and division methods as needed e.g. arrays, repeated addition, mental methods and facts Identify the operations needed to solve a two-step word problem, where the two steps are shown in the 	 Describe and explain decisions and methods chosen Suggest a way to solve a problem Use diagrams to find a solution, with support Adopt a suggestion by an adult or their peers 	 Use lists and tables to organize and interpret given information, with support Explain what they have found out using mathematical language
What are the KS1 National (YEAR 2?) Curriculum aims?	 Recognise the place value Identify, represent and experience Compare and order numers Read and write numbers 	nd 5 from 0 and in tens from any nue of each digit in a two-digit numbes timate numbers using different respect to the strong of	per (tens, ones) presentations, including the nu d = signs	mber line		

Pupils should be taught to:

- · Solve problems with addition and subtraction:
- Using concrete objects and pictorial representations, including those involving numbers, quantities and measures
- Applying their increasing knowledge of mental and written methods
- Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
- Add and subtract numbers using concrete objects, pictorial representations, and mentally, including:
- · A two-digit number and ones
- · A two-digit number and tens
- Two two-digit numbers
- · Adding three one-digit numbers
- Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
- Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

Multiplication and division

Pupils should be taught to:

- Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognizing odd and even numbers
- Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs
- Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot
- Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts including problems in contexts

Fractions

Pupils should be taught to:

- Recognise, find, name and write fractions 1/3, ¼, 2/4 and ¾ of a length, shape, set of objects or quantity
- Write simple fractions for example, ½ of 6 = 3 and recognise the equivalence of 2/4 and ½

Measurement

Pupils should be taught to:

- Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels
- Compare and order lengths, mass, volume/capacity and record the results using >,< and =
- Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
- Find different combinations of coins that equal the same amounts of money
- · Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change
- Compare and sequence intervals of time
- Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times
- Know the number of minutes in an hour and the number of hours in a day

Geometry – properties of shape

Pupils should be taught to:

- Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line
- Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces
- Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]
- Compare and sort common 2-D and 3-D shapes and everyday objects

Geometry – position and direction

- Order and arrange combinations of mathematical objects in patterns and sequences
- Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms or right angles for quarter, half and three-quarter turns (clockwise and anticlockwise).

Statistics

Pupils should be taught to:

- Interpret and construct simple pictograms, tally charts, block diagrams and simple tables
- Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity
- · Ask and answer questions about totalling and comparing categorical data.