



MATHS

Year 1 Autumn

★	Number and Place Value	★
	I can count to ten and twenty, forwards and backwards, beginning with 0 or 1, or from any given number	
	I can count, read and write to 10 and 20 in numerals and words	
	I can show numbers using objects and pictures	
	Given a number, I can find one more and one less	
	I can estimate numbers within 10	
	I can estimate to check answers	

★	Addition and Subtraction	★
	I can use number bonds to 10 and 20 to add and subtract	
	I can add and subtract one-digit and two-digit numbers to 10 and 20, including zero	
	I can read, write and understand equations with +, - and = signs	
	I can solve one step adding and subtracting problems using objects and pictures and missing number problems	
	I can use the language of equal to, more than, less than (fewer), most, least	

★	Multiplication and Division	★
	I can count in multiples of 2 and 5	
	I can double and halve numbers within 10 and 20	

★	Geometry	★
	I can name common 2D shapes – rectangles (including squares), circles, triangles	
	I can name common 3D shapes – cuboids (including cubes), pyramids and spheres	
	I can describe position and movement including whole, half, turns	



MATHS

Year 2 Autumn

★ Number and Place Value ★

I can use place value & number facts to solve problems

I can compare and order numbers from 0 up to 100 using $<$, $>$ and $=$

I can count in steps of 2, 3, and 5 from 0, and in tens from any number, forward & backward

I can recognise the place value of each digit in a 2-digit number

I can identify, represent & estimate numbers to 100

I can read and write numbers to at least 100 in numerals and words

★ Addition and Subtraction ★

I can recall and use addition and subtraction facts to 20 to find facts up to 100

I can show that addition can be done in any order and that subtraction cannot

I can recognise & use the inverse relationship between addition & subtraction, to check and solve missing numbers

I can add & subtract; 2-digits and ones, 2-digits and tens, 3 1-digit numbers

★ Multiplication and Division ★

I can calculate & write multiplication and division equations using \times , \div & $=$

I can solve multiplication & division problems using objects, arrays, repeated $+$, mentally, and known facts

I can show that multiplication can be done in any order and that division cannot

I can recall \times & \div facts for the 2, 5 and 10 tables, including recognising odd and even numbers

★ Measurement ★

I can choose and use appropriate standard units to estimate and measure length/ height in any direction (m/cm) to the nearest appropriate unit, using rulers and scales

I can compare and order length and record the results using $>$, $<$ and $=$

I can use my knowledge of numbers to 100 to read scales to the nearest unit of length

I can apply knowledge of numbers to 100 to read scales to the nearest appropriate standard unit of length

★ Statistics ★

I can interpret and construct simple pictograms, tally charts, block diagrams and simple tables

I can ask and answer simple questions by counting the number of objects in each category and sorting categories by quantity

I can ask and answer questions about totalling and comparing data in groups



★	Number and Place Value	★
I can recognise the place value of each digit, compare and order numbers up to 100		
I can find 10 or 100 more or less than a given number, up to 3-digits		
I can read and write numbers up to 1000 in numerals and words		
I can compare and order numbers up to 1000		
I can count from 0 in multiples of 50 and 100		
I can identify, represent and estimate numbers using different representations		
I can recognise the place value of each digit in a 3-digit number		

★	Addition and Subtraction	★
I can solve + & - problems, including missing number problems, using number facts, place value, and more complex addition and subtraction		
I can add and subtract numbers mentally including a 3-digit number and ones, tens or hundreds		
I can + & - with up to 3-digits using column methods		
I can estimate the answer to a calculation and use inverse operations to check answers		

★	Measurement	★
I can + & - amounts of money to give change, using £ and p in practical contexts		
I can continue to measure using the appropriate tools and units		
I can measure the perimeter of simple 2D shapes		
I can measure, compare, add and subtract lengths (m/cm/mm)		
I can compare and use mixed units and simple equivalent mixed units		

★	Statistics	★
I can interpret and present data using bar charts, pictograms and tables		
I can solve one-step and two-step questions using information presented in scaled bar charts, and pictograms and tables		



MATHS

Year 4 Autumn

★	Number and Place Value	★
	I can find 1000 more or less than a given number	
	I can recognise the place value of each digit in a 4-digit number	
	I can order & compare numbers beyond 1000	
	I can round any number to the nearest 10, 100 or 1000	
	I can solve number and practical problems with increasingly large positive numbers	
	I can count in multiples of 6, 7, 9, 25 and 1000	
	I can identify, represent and estimate numbers using different representations	

★	Addition and Subtraction	★
	I can add and subtract numbers with up to 4-digits using column methods	
	I can estimate and use the inverse operations to check the answers to calculations	
	I can solve addition and subtraction two-step problems deciding which operations and methods to use and why	

★	Multiplication and Division	★
	I can recall \times & \div facts for times tables up to 12×12	
	I can solve \times & \div problems	
	I can use place value and known facts to multiply and divide by 0 & 1	
	I can recognise and use factor pairs and commutativity in mental calculations	
	I can multiply 2-digit and 3-digit numbers by a 1-digit number using a formal written method	
	I can multiply together three numbers	

★	Statistics	★
	I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs	
	I can interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs	



★ Number and Place Value ★

I can read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit

I can count forwards or backwards in steps of powers of 10

I can round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000

I can read Roman Numerals to 1000 (M) and recognise years written in Roman numerals

I can establish whether a number up to 100 is prime and recall prime numbers to 19

I can solve number problems and practical problems that involve number and place value

★ Addition and Subtraction ★

I can add and subtract numbers mentally with increasingly large numbers

I can + & - whole numbers with more than 4-digits, using column method

I can use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy

I can solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why

★ Multiplication and Division ★

I can x & ÷ numbers mentally drawing upon known facts

I can x & ÷ whole numbers by 10, 100 & 1000

I can solve problems using a combination of operations

I can x numbers up to 4-digits by a 1-digit or 2-digit number using grid method and long multiplication

I can ÷ numbers up to 4-digits by a 1-digit number using a formal written method and interpret remainders appropriately for the context

I can identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers

I can recognise and use square numbers and the correct notation

I can solve problems involving x and ÷ using my knowledge of factors and multiples, squares and cubes

I know and use the vocabulary of prime numbers, prime factors and composite numbers

★ Measurement ★

I can measure and calculate the perimeter of composite rectilinear shapes in cm and m

I can solve problems involving converting between units of time

I can calculate and compare the area rectangles of using square centimetres and square metres.

★ Statistics ★

I can solve comparison, sum and difference problems using information presented in a line graph

I can complete, read and interpret information tables, including timetables.



★ Number ★

I can read, write, order and compare numbers up to 10 000 000 and determine the value of each digit

I can round any whole number to a required degree of accuracy

I can generate and describe linear number sequences (with fractions)

I can identify the value of each digit in numbers given to 3dp

I can identify common factors, common multiples and prime numbers

★ Addition and Subtraction ★

I can solve problems involving addition, subtraction, multiplication and division

I can solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why

I can multiply and divide numbers by 10, 100 and 1000 giving answers up to 3dp

I can use knowledge of the order of operations to carry out calculations involving the four operations

★ Addition and Subtraction ★

I can multiply multi-digit numbers up to 4 digits by a 2-digit whole number using the formal written method of long multiplication

I can multiply 1-digit numbers with up to 2dp by whole numbers

I can divide whole numbers up to 4-digits by a 2-digit whole number using the formal written method of long division

I can interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context

★ Addition and Subtraction ★

I can use written division methods in cases where the answer has up to two decimal places

I can perform mental calculations, including with mixed operations and large numbers

I can solve problems which require answers to be rounded to a specified degree of accuracy

I can estimate to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy

★ Algebra ★

I can find pairs of numbers that satisfy an equation with two unknowns

I can express missing number problems algebraically

★ Fractions ★

I can use common factors to simplify fractions

I can use common multiples to express fractions in the same denomination

I can compare and order fractions, including >1

I can add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

★ Geometry ★

I can recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles

I can compare and classify geometric shapes based on their properties and sizes and find unknown angles in triangles, quadrilaterals and regular polygons

Woodcote Primary School

Name: _____

