Year 4

Term by Term Objectives 2023/24

Week	1	2	3	4	5	6	7	8	9	10	11	12
Autumn	Number -Place Value Count in multiples of 6, 7, 9, 25 and 1000 Count backwards through zero to include negative numbers Identify, represent and estimate numbers using different representations Know that 10 hundreds are equivalent to 1 thousand, and that 1,000 is 10 times the size of 100; apply this to identify and work out how many 100s there are in other four-digit multiples of 100 Divide 1000 into 2/4/5/10 equal parts and read scales/number lines marked in multiples of 1,000 with 2, 4, 5 and 10 equal parts. Find a 1000 more or less than a given number Recognise the place value of each digit in a four-digit number Compose and decompose four-digit numbers using standard and nonstandard partitioning				Number -Addition and Subtraction Add and subtract numbers with up to 4 digits using formal written methods of columnar addition and subtraction where appropriate Solve addition and subtraction 2 step problems in context deciding which operations and methods to use and why. estimate and use inverse operations to check answers to a calculation Use efficient methods to add and subtract mentally			Measures- Length and Perimeter Convert between different units of measure Measure and calculate the perimeter of a rectilinear shape (including squares) in m and cm Estimate compare	Number -Multiplication and Division recall multiplication and division facts for multiplication tables up to 12 × 12 use place value, known and derived facts to multiply and divide mentally including multiplying by 0 and 1; dividing by 1; multiply together 3 numbers recognise and use factor pairs and commutativity in mental calculations		

	Order and compare numbers up to and beyond 1000 Round any number to the nearest 10, 100 , 1000 Solve number and practical problems that involve all of the above and with increasingly large positive numbers Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.		and calculate different measures		

Week	1	2	3	4	5	6	7	8	9	10	11	12
Spring	Number -Multiplication and Division recall multiplication and division facts for multiplication tables up to 12 × 12 use place value, known and derived facts to multiply and divide mentally including multiplying by 0 and 1; dividing by 1; multiply together 3 numbers recognise and use factor pairs and commutativity in mental calculations solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.			Measure - Area Find the area of rectilinear shapes by counting squares .	Number - Fractions Count up and down in hundredths; recognise that hundredths arise when dividing an object by a hundred and dividing tenths by 10 Compare and order fractions with the same denominator add and subtract fractions with the same denominator recognise and show, using diagrams, families of common equivalent fractions solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number solve simple measure and money problems involving fractions and decimals to two decimal place use and convert between Mixed numbers and improper fractions			Number - Decimals Recognise and write decimal equivalents of any number of tenths or hundredths Recognise and write decimal equivalents to ¼ , ½ and ¾ Find the effect of dividing a one or 2 digit number by 10 and 100 identifying the value of the digits in the answer as ones, tenths and hundredths		

Week	1	2	3	4	5	6	7	8	9	10	11	12
Summer	Number - Decimals Recognise and write decimal equivalents of any number of tenths or hundredths Recognise and write decimal equivalents to ¼ , ½ and ¾ Round decimals with one decimal place to the nearest whole number. Compare numbers with the same number of decimal places up to two decimal places solve simple measure and money problems involving fractions and decimals to two decimal places.		Measure - Money Estimate, compare and calculate different measures, including money in pounds and pence solve simple measure and money problems involving fractions and decimals to two decimal places.		Measure - Time Solve problems involving converting between hours to minutes, minutes to seconds, years to months weeks to days Convert between different units of measure Read Write and convert time between analogue and digital 12 and 24 hour clocks		statistics solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs. Interpret and present discrete data using appropriate graphical methods, including bar charts	Geometry - Properties of shape Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes Identify lines of symmetry in 2-D shapes presented in different orientations Complete a simple symmetric figure with respect to a specific line of symmetry. Identify acute and obtuse angles and compare angles up to two right angles by size			Geometry - position and direction Describe positions on a 2D grid as co-ordinates in the first quadrant Describe movements between positions as translations of a given unit to the left/right and up/down Plot specified points and draw sides to complete a given polygon	