Year 4 Autumn Curriculum Goals – Maths

Number (Place Value):   I can identify Roman numerals to 100
Number (Place Value):   I can find 1000 more or less than a given number.
Number (Place Value):   I can recognise the place value of each digit in a four digit number (thousands, hundreds, tens and ones)
Number (Place Value):   I can order and compare numbers beyond 1000 Identify, represent and estimate numbers using different representations.
Number (Place Value):   I can round any number to the nearest 10, 100 or 1000
Number (Place Value):   I can solve number and practical problems that involve all of the above and with increasingly large positive numbers.
Number (Place Value):   I can count backwards through zero to include negative numbers.
Number (Addition and Subtraction):   I can add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.
Number (Addition and Subtraction):   I can add and subtract 1s, 10s, 100s and 1000s.
Number (Addition and Subtraction):   I can solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why.
Number (Multiplication and Division):   I can recall and use multiplication and division facts for 3, 6, 7 and 9 times table.
Number (Multiplication and Division):   I can multiply by 10 and 100
Number (Multiplication and Division):   I can use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.
Measurement (Length and Perimeter):   I understand the smaller the unit, the greater the number of units needed to measure.
Measurement (Length and Perimeter):   I can convert between different units of measure [for example, kilometre to metre]
Measurement (Length and Perimeter):   I can calculate the perimeter of rectilinear shapes

Year 4 Spring Curriculum Goals - Maths

Number (Multiplication and Division): I can recall and use multiplication and division facts for multiplication tables up to 12 × 12.
Number (Multiplication and Division): I can recognise and use factor pairs and commutativity in mental calculations.
Number (Multiplication and Division): I can multiply two digit and three digit numbers by a one digit number using formal written layout.
Number (Multiplication and Division): I can 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.
Number (Fractions): I can recognise and show, using diagrams, families of common equivalent fractions.
Number (Fractions): I can count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.
Number (Fractions): I can 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.
Number (Fractions): I can add and subtract fractions with the same denominator.
Number (Decimals): I can recognise and write decimal equivalents of any number of tenths or hundredths.
Number (Decimals): I can find the effect of dividing a one or two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths
Measurement (Area): I can find the area of rectilinear shapes by counting squares.

Year 4 Summer Curriculum Goals – Maths

Number (Decimals): I can compare numbers with the same number of decimal places up to two decimal places.
Number (Decimals): I can round decimals with one decimal place to the nearest whole number.
Number (Decimals): I can recognise and write decimal equivalents to 1/4, 1/2 and 3/4
Statistics: I can interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.
Statistics: I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.
Measurement (Time): I can convert between different units of measure [for example hour to minute]
Measurement (Time): I can read, write and convert time between analogue and digital 12- and 24-hour clocks.
Measurement (Time): I can solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.
Measurement (Money): I can estimate, compare and calculate different measures, including money in pounds and pence.
Measurement (Money): I can solve simple measure and money problems involving fractions and decimals to two decimal places.
Geometry (Position and Direction): I can describe positions on a 2-D grid as coordinates in the first quadrant.
Geometry (Position and Direction): I can plot specified points and draw sides to complete a given polygon.
Geometry (Position and Direction): I can describe movements between positions as translations of a given unit to the left/ right and up/ down.
Geometry (Properties of Shape): I can Identify acute and obtuse angles and compare and order angles up to two right angles by size.
Geometry (Properties of Shape): I can compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.
Geometry (Properties of Shape): I can identify lines of symmetry in 2-D shapes presented in different orientations.
Geometry (Properties of Shape): I can complete a simple symmetric figure with respect to a specific line of symmetry.