Medium Term Plan KS2 – Maths Year 4 – Autumn Term			
Block 1 - Place Value	**Block 2 – Addition & Subtraction**	**Block 3 - Area**	**Block 4 – Multiplication & Division A**
Counts in multiples of 6, 7, 9, 25 and 1,000. Finds 1,000 more or less than a given number. Counts backwards through zero to include negative numbers. Recognises the place value of each digit in a four-digit number (thousands, hundreds, tens and ones). Orders and compares numbers beyond 1,000. Identifies, represents and estimates numbers using different representations. Rounds any number to the nearest 10, 100, or 1,000. Read Roman numerals to 100 (I to C) and knows that over time, the numeral system changed to include the concept of zero and place value. Solves number and practical problems that involve all of the above and with increasingly large positive numbers.	Adds and subtracts numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate. Estimate and uses inverse operations to check answers to a calculation. Solves addition and subtraction two-step problems in context, deciding which operations and methods to use and why.	Finds the area of rectilinear shapes by counting squares.	Recalls multiplication and division facts for multiplications up to 12 x 12. Uses place value, know and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers. Recognises and uses factor pairs and commutativity in mental calculations.

Medium Term Plan KS2 – Maths Year 4 – Spring Term			
Block 1 – Multiplication & Division B	**Block 2 – Length & Perimeter**	**Block 3 - Fractions**	**Block 4 – Decimals A**
Recognises and uses factor pairs and commutativity in mental calculations. Recalls multiplication and division facts for multiplications up to 12 x 12. Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000 (Y5) Multiplies two-digit and three-digit numbers by a one-digit number using formal written layout. Divides two-digit and three-digit numbers by a one-digit number using formal written layout. Uses place value, know and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers. Solves 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.	Converts between different units of measure. Measures and calculates the perimeter of a rectilinear figure (including squares) in centimetres and metres.	Recognise and use fractions as numbers: until fractions and non-unit fractions with small denominators (Y3) Recognises and shows, using diagrams, families of common equivalent fractions. Add and subtract fractions with the same denominator.	Counts up and down in hundredths; recognising that hundredths arise when dividing an abject by one hundred and dividing tenths by ten. Recognises and writes decimal equivalents of any number of tenths or hundredths. Compare numbers with the same number of decimal places up to two decimal places. Finds the effect of dividing a one-digit or two-digit number by 10 and 100, identifying the value of the digits in the answers as ones, tenths and hundredths. Recognises and shows, using diagrams, families of common equivalent fractions.

Medium Term Plan KS2 – Maths Year 4 – Summer Term					
Block 1 – Decimals B	**Block 2 - Money**	**Block 3 - Time**	**Block 4 – Shape**	**Block 5 - Statistics**	**Block 6 – Position & Direction**
Recognises and writes decimal equivalents of any number of tenths or hundredths. Solves simple measure and money problems involving fractions and decimals to two decimal places. Round decimals with one decimal place to the nearest whole number. Recognise and write decimal equivalents to 1/4, 1/2 and 3/4.	Estimates, compares and calculates different measures, including money in pounds and pence.	Reads, writes and converts time between analogue and digital 12 and 24 hour clocks. Solves problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.	Recognise angles as a property of shape or a description of a turn (Y3) Compares and classifies geometric shapes, including quadrilaterals and triangles, based on their properties and sizes. Identifies acute and obtuse angles and compares and orders angles up to two right angles by size. Identifies lines of symmetry in 2D shapes presented in different orientations. Completes a simple symmetric figure with respect to specific line of symmetry.	Interprets and presents discrete and continuous data using appropriate graphical methods, including bar charts and time graphs. Solves comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.	Describes positions on a 2D grid as coordinates in the first quadrant. Describes movements between positions as translations of a given unit to the left/right and up/down. Plots specific points and draws sides to complete a given polygon.