Year 4 Maths Targets – Pupil Asset order

	Foundational and Conceptual Achievement Statements	I am working towards ARE	I am at ARE	I am working at greater depth
4F1	**I can name, order and compare numbers above 1000**			
4F2	I can read and write Roman numerals from 1 to 100 (I to C)			
4F3	**I can add multiple of 10, 100 or 1,000 to any number up to 9,000 mentally**			
4F4	**I can count backwards through zero to include negative numbers**			
4F5	**I can round any number to 10,100 or 1,000**			
4F6	I can count in multiples of 6, 7, 9, 25 and 1 000			
4F7	I can recognise the place value of each digit in any 4-digit number			
4C1	I can explain, using place value knowledge, the effect of dividing any number by 10 and 100 on the number and the digits in the number			
4C2	**I can estimate the answer to, and solve, number and practical problems that involve making decisions about applying number facts, place value, rounding and estimation with numbers greater than 1,000**			
4C3	I can check my answers using estimates and by applying inverse operations			
4C4	I can explain how the number system has changed over time to include the concept of zero and place value			
4F8	**I can use column addition and column subtraction to add and subtract numbers with up to 4-digits**			
4C5	**I can solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and explain why**			
4F9	**I can multiply or divide 2-digit and 3-digit numbers by a 1-digit number using efficient written methods**			
4F10	**I can recall and use multiplication and division facts for multiplication tables up to 12 x 12**			

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4F11	I can use place value, known and derived facts to multiply and divide mentally, including: multiplying together three numbers			
4F12	I can use place value, know and derived facts to multiply and divide mentally, including: doubling and halving any number			
4F13	I can use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1			
4F14	I can use place value, known and derived facts to multiply and divide mentally, including: dividing by 1			
4C6	I can estimate the answer to, and solve problems, involving multiplying and adding, including the distributive law and harder multiplication problems such as 'which n objects are connected to which m objects' (Harder multiplications include 2-digit x 2-digit and 2-digit x 3-digit problems)			
4F15	I can recognise, show and name, using diagrams, families of common equivalent fractions including tenths and hundredths			
4F16	**I can count up and down in hundredths**			
4F17	**I can recognise and write decimal equivalents of n/10 and n/100**			
4F18	**I can recognise and write decimal equivalents of $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$**			
4C7	I can estimate the answer to, and solve simple measure and money problems involving fractions and decimals to 2 decimal places			
4C8	**I can recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten**			
4C9	I can solve problems involving increasingly harder fractions to include non-unit fractions where the answer is not a whole number			
4F19	**I can read, write, compare and order numbers with the same number of decimal places up to two decimal places**			

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4C10	I can round decimals with one decimal place to the nearest whole number			
4F24	I can compare and classify geometric shapes, including quadrilaterals and triangles based on their properties and sizes			
4F25	I can identify acute and obtuse angles and order angles by size up to two right angles			
4C18	I can identify lines of symmetry in 2-D shapes presented in different orientations, and complete symmetry diagrams for specific lines of symmetry			
4C19	**I can plot specified points and draw sides to complete a given polygon**			
4F26	**I can calculate the angle of turn associated with movement between any of the eight compass points**			
4C16	I can describe positons, and movements between positions, on a 2-D grid, and as coordinates in the first quadrant			
4C17	I can describe movements between positions as translations of a given unit to the left/right and up/down			
4F20	**I can read, write and convert time between analogue and digital 12 hour clocks**			
4F21	I can read, write and convert time between analogue and digital 12 and 24 hour clocks			
4F22	I can convert between different units of measure for length, mass, capacity and time			
4F23	**I can measure and calculate the perimeter of a rectangular figure (including squares) in centimetres and metres**			
4C11	I can identify, represent and estimate numbers using different representations – for example numbers used within different measurement scales such as time, temperature an weight			

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4C12	I can estimate and find the area of squares, rectangles and related composite shapes by counting standard units, including centimetre squared (cm2) and metre squared (m2)			
4C13	I can estimate, compare and calculate with measures of length, mass and capacity			
4C14	I can estimate, compare and calculate with measures of time (including the 12 and 24 hour clock)			
4C15	**I can solve problems including converting from hours to minutes; minutes to second; years to months; weeks to days**			
4C20	I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and simple line graphs			
4C21	**I can interpret and present discrete data using bar charts**			
4C22	I can interpret and present continuous data using appropriate graphical methods e.g. time graphs			