Year 4 Maths Target Tracker Statements

Number and Place Value		**Fractions**
Count in multiples of 6,7,9,25 and 1000.		Recognise and show, using diagrams, families of common equivalent fractions.
Find 1000 more or less than a given number.		Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten
Count backwards through zero to include negative numbers.		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.
Recognise the place value of each digit in a 4-digit number (thousands, hundreds, tens and ones)		Add and subtract fractions with the same denominator.
		Recognise and write decimal equivalents of any number of tenths or hundredths.
Order and compare numbers beyond 1000		Recognise and write equivalents to ¼, ½, ¾
Identify, represent and estimate numbers using different representations including measures.		Find the effect of dividing a 1 or 2 digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.
Round any number to the nearest 10,100 or 1000		Round decimals with one decimal place to the nearest whole number.
Solve number and practical problems that involve all of the above and with increasingly large positive numbers		Compare numbers with the same number of decimal places up to two decimal places.
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.		Solve simple measure and money problems involving fractions and decimals to two decimal places.
Addition and Subtraction		**Measurement**
Add numbers with up to 4 digits using the formal method of columnar addition.		Convert between different units of measure e.g. kilometre to metre; hour to minute
Estimate and use inverse operations to check answers to a calculation.		Measure and calculate the perimeter of a rectilinear figure (including squares) in cm and m.
Subtract numbers with up to 4 digits using the formal method of columnar subtraction.		Find the areas of rectilinear shapes by counting squares.
		Estimate, compare and calculate different measures, including money in pounds and pence
Solve addition and subtraction 2 step problems in contexts, deciding which operations and methods to use and why.		Read, write and convert time between analogue and digital 12 and 24 hour clocks.
Multiplication and Division		Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days
Recall multiplication and division facts for multiplication tables up to 12 x 12		**Geometry: Properties of shape**
Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers.		Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
Recognise and use factor pairs and commutativity in mental calculations.		Identify acute and obtuse angles and compare and order angles up to two right angles up to two right angles by size
Multiply 2-digit and 3-digit numbers by a 1-digit number using formal written layout.		Identify lines of symmetry in 2d shapes presented in different orientations
Solve problems involving multiplying and adding, including using the distributive law to multiply 2-digit numbers by 1-digit, integer scaling problems and harder correspondence problems such as *n* objects are connected to *m* objects		Complete a simple symmetric figure with respect to a specific line of symmetry.
		Begin to recognise where angles are greater than two right angles. Know the term straight angle referring to two right angles together.

Geometry: Position and Direction		Begin exploring line symmetry with two lines of symmetry.
Describe positions on a 2-d grid as coordinates in the first quadrants		**Statistics**
Describe movements between positions as translations of a given unit to the left/right and up/down		Interpret and present discrete and continuous data using appropriate graphical methods, including bar graphs and time graphs
Plot specified points and draw sides to complete a given polygon		Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.