Year Five Maths Non-Negotiable

I can read, write, order and compare numbers to 1,00,000 and I know the value of each digit	
I can count forwards and backwards in steps of 10, 100, 1000 and 10,000 up to 1,000,000 including through zero to include negative numbers	
I can round any number to the nearest 10, 100, 1000 and 10,000 up to 1,000,000	
I can read Roman Numeral up to 1000 and recognise years written in this form	
I can add and subtract whole numbers with up to 5 digits	
I can add and subtract larger numbers mentally	
I can identify multiples and factors, including common factors of two numbers	
I know what a prime number and composite number are and can identify them (up to 100)	
I can multiply a 4 digit number by 1 or 2 digits using a written method	
I can divide 4 digits by 1 digit using a written method	
I can multiply and divide numbers (including decimals) by 10, 100 and 1000	
I can recognise squared and cubed numbers using (^{2} or ^{3})	
I can solve problems, including multi step, using the four operations	
I can show the = sign as a balance	
I can compare and order fractions whose denominators are multiples of the same number	
I can identify equivalent fractions	
I can recognise mixed numbers and improper fractions and convert between these forms	
I can add and subtract fractions with the same denominator and denominators that are multiples of the same number	
I can multiply whole numbers by proper fractions	
I can read and write decimals as fractions	
I can recognise thousandths and I can order decimals with three decimal places	
I can round decimals with two decimal places to the nearest whole number and to one decimal place	
I recognise % and know that it means parts of a whole. I can write percentages as fractions and as decimals	
I can solve problems which involve percentages and knowing their decimal equivalents	
I can identify 3D and 2D shapes from 2D representations (including different types of triangles, parallelogram, rhombus and trapezium)	
I can estimate and compare acute, obtuse and reflex angles	
I can draw angles and measure these in degrees	
I can find missing angles at a point, on a straight line and as part of a right angle	
I can find missing lengths and angles in rectangles	
I know the difference between and can recognise regular and irregular polygons	
I can identify, describe and represent the position of a shape following a reflection or translation	
I can convert between different units of measure (m to km, cm to m, g to kg and l to ml)	
I can calculate the perimeter of composite rectilinear shapes	
I can calculate the area of rectangles using cm2 or m2	
I can estimate area or irregular shapes and the volume of 3D shapes	
I understand approximate equivalences between metric and imperial units	
I can solve problems involving converting units of time	
I can complete and interpret information in tables, including timetables	
I can solve comparison, sum and difference problems in line graphs and simple pie charts	