Year 4 Non-negotiables.

Number Place Value and Fractions	
	• Count backwards through zero to include negative numbers.
	• Count up and down in 100ths and recognise how 100ths arise.
	• Find the effect of dividing a number by 10 & 100 and identify the value of the digits in the answer.
	• Order and compare numbers beyond 1000.
	• Recognise and write decimal equivalents of any number of 10ths or 100ths.
	• Round any number to the nearest 10, 100 or 1000.
	• Round decimals with 1 decimal place to the nearest whole number.
	• Solve simple measure and money problems involving fractions & decimals.
Calculations	• Add numbers with up to 4 digits using written methods.
	• Divide numbers up to 4 digits by a 1-digit number using a written method an interpret remainders.
	• Multiply numbers up to 4 digits by a 1 digit number using a written method.
	• Recall x and ÷ facts for multiplication tables up to 12x12.

	- **Recognise and use factor pairs and commutativity in mental calculations.** - **Subtract numbers with up to 4 digits using written methods.** - **Use place value, known and derived facts to divide mentally.** - **Use place value, known and derived facts to multiply mentally.**
Measurement and Geometry	- **Compare & classify geometric shapes based on properties & size.** - **Convert between different units of measure (e.g. km to m,kg to g, l to ml)** - **Describe position on a 2D grid as co-ordinates in the first quadrant.** - **Identify acute and obtuse angles.** - **Measure and calculate the perimeter of a rectilinear figure in cm and m.** - **Read, write and convert time between analogue and digital clocks and 12- and 24-hour clocks**
Statistics	- **Interpret and present data using bar charts.** - **Interpret and present data using line graphs.** - **Use a range of scales when interpreting and presenting data.**