My Year 5 Learning Journey for Maths

	I am working at the expected standard for Year 5 (EXS)	Evidence (date)	
Number: Place Value	*I can read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit.		
	*I can interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero.		
	I can solve real life problems involving ordering negative numbers		
	I can read Roman numerals to 1000 (I – M) and recognise years written in Roman numerals.		
Number: Calculation	*I can add whole numbers with more than four digits, including using formal written methods.		
	*I can subtract whole numbers with more than four digits, including using formal written methods		
	I can solve real life problems involving addition and subtraction.		
	*I can add and subtract numbers mentally with increasingly large numbers (e.g. 12,462 – 2,300 = 10,162)		
	*I can identify multiples and factors, including finding all factors pairs of a number and common factors of two numbers.		
	I can use written methods for multiplication for up to four digit numbers by a one or two-digit number.		
	I can use written methods for division for up to four digit numbers by a one digit number.		
	*I can solve problems involving multiplication and division, including using a knowledge of factors and multiples, squares and cubes.		
Number: Fractions (including decimals)	*I can solve problems involving multiplication, including scaling by simple fractions and problems involving simple rates. (e.g. what is half more than 12?)		
	*I can solve problems involving division, including scaling by simple fractions and problems involving simple rates. (e.g. what is a quarter less than 16?)		
	*I can compare and order fractions whose denominators are all multiples of the same number.		
	*I can read and write decimal numbers as fractions (e.g. 0.71 = 71/100)		
	*I can read, write, order and compare numbers with up to three decimal places.		
	I can add and subtract decimal numbers.		
	*I can solve problems which require knowing percentage and decimal equivalents of 1/2, 1/4. 1/5, 2/5, 4/5 and those fractions with a denominator of a multiple of 10 or 25.		
Measurement	*I can convert between different units of metric measure (e.g. km / m, cm / m, cm / mm, g / kg, l / ml)		
	*I can measure and calculate the perimeter of composite rectilinear shapes (made up of 2 or more rectangles) in cm and m.		
	*I can calculate and compare the area of rectangles (including squares), and use standard units, cm^2 and m^2		
	I can solve problems involving converting between units of time.		
	I can use all four operations to solve problems involving measure (e.g. length, mass, volume, money) using decimal notation.		
Geometry	*I can draw given angles and measure them in degrees.		
	I can classify shapes based on their geometric properties and use the vocabulary needed to describe them (e.g. sorting into a Carroll diagram and explaining my reasoning)		
	*I can distinguish between regular and irregular polygons based on reasoning about equal sides and angles.		
	I can identify, describe and represent the position of a shape following a reflection or translation.		
Statistics	*I can complete, read and interpret information in tables, including timetables.		