Year Five – Key Objectives
Maths

		Date Achieved
1	Interpret negative numbers in context, such as temperatures, with positive whole and negative numbers	
2	Read Roman numerals up to 1000 (M), including years	
3	Recognise and use squared numbers (2) and cubed numbers (3)	
4	Use rounding to check answers and determine accuracy	
5	Identify multiples and factors, including finding factor pairs of a number and common factors	
6	Use key vocabulary for prime numbers, prime factors and composite (non-prime) numbers	
7	Establish whether numbers up to 100 are prime and know all of the prime numbers up to 19	
8	Multiply and divide whole and decimal numbers by 10, 100 or 1000	
9	Use long multiplication for multiplying numbers of up to 4-digits by one or two digits	
10	Divide numbers of up to 4-digits by a 1-digit number, using short division, recording remainders accurately	
11	Recognise mixed numbers (1 ¾) and improper fractions (7/4) and convert from one to the other and vice-versa	
12	Compare and order fractions whose denominators are all multiples of the same number e.g. 3/5, 2/5, 5/10	
13	Identify, name and write equivalent fractions, including tenths (1/10) and hundredths (1/100)	
14	Add and subtract fractions with denominators that are multiples of the same number e.g. 4/6 + 5/12	
15	Multiply proper fractions and mixed numbers by whole numbers, with support and resources	
16	Read and write decimal numbers as fractions	
17	Round decimal numbers with 2 decimal places (5.14) to the nearest whole number (5) and to one decimal place (5.1)	
18	Read, write, order and compare numbers up to 3 decimal places	
19	Recognise the % symbol and explain as a fraction with the denominator 100 (parts out of 100)	
20	Understand and use approximate equivalence between standard metric and common imperial units of measure	
21	Measure and calculate the perimeter of composite rectilinear shapes	
22	Calculate the area of rectangles using standard units (cm2/m2) and estimate the area of irregular shapes	
23	Use the properties of rectangles to find missing lengths and angles	

24	Distinguish between regular and irregular polygons, using their properties to compare	
25	Identify 3-D shapes, such as cubes and cuboids, from 2-D images and representations	
26	Know that angles are measured in degrees and estimate and compare acute, obtuse and reflex angles	
27	Draw a given angle and measure angles to the nearest degree (o)	
28	Identify angles at a point, in a whole turn and on a straight line	
29	Describe and represent the position of a shape or pattern following a reflection or translation	
30	Complete, read and interpret information in tables, including timetables	