

St Giles' C of E Primary School PLACE VALUE AND ROUNDING Progression

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
PLACE VALUE AND ROUNDING	<p>ELG - Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number.</p>	<ul style="list-style-type: none"> * count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number * count, read and write numbers to 100 in numerals; count in multiples or twos, fives and tens * given a number, identify one more and one less * identify and represent numbers using objects and pictorial representations, including the number line, and use the language of: equal to, more than, less than (fewer), most, least * read and write numbers from 1 to 20 in numerals and words 	<ul style="list-style-type: none"> * count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward * recognise the place value of each digit in a two-digit number (tens, ones) * identify, represent and estimate numbers using different representations, including the number line * compare and order numbers from 0 up to 100; use <, > and = signs * read and write numbers to at least 100 in numerals and words * use place value and number facts to solve problems 	<ul style="list-style-type: none"> * count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more less than a given number * recognise the place value of each digit in a three-digit number (hundreds, tens, ones) * compare and order numbers up to 1000 * identify, represent and estimate numbers using different representations * read and write numbers up to 1000 in numerals and words * solve number problems and practical problems involving these ideas 	<ul style="list-style-type: none"> * count in multiples of 6, 7, 9, 25 and 1000 * find 1000 more or less than a given number * count backwards through zero to include negative numbers * recognise the place value of each digit in a four-digit number * order and compare numbers beyond 1000 * identify, represent and estimate numbers using different representations * round any number to the nearest 10, 100 or 1000 * solve practical problems that involve all of the above and with increasingly large positive numbers * read Roman numerals to 100 (I to C) and know that over time, the numerical system changed to include the concept of zero and place value 	<ul style="list-style-type: none"> * read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit * read, write, order and compare numbers with up to 3 decimal places * count forwards and backwards in steps of powers of 10 for any given number up to 1,000,000 * interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero * round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000 * solve number problems and practical problems that involve all of the above * read Roman numerals to 1000 (M) and recognise years written in Roman numerals 	<ul style="list-style-type: none"> * read, write, order and compare numbers up to 10,000,000 and determine the value of each digit * identify the value of each digit in numbers given to three decimal places * round any whole number to a required degree and accuracy * use negative numbers in context, and calculate intervals across zero * solve number and practical problems