Numbers and the Number System – Provision map

Foundation Stage	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Verbally count beyond 20, recognising the pattern of the counting system. Deep understanding of number to 10, including the composition of each number. Subitise up to 5.	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. 1-PV1 Count within 100, forwards and backwards, starting with any number. Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens. 1-NF2 Count forwards and backwards in multiples of 2, 5 and 10, up to 10 multiples, beginning with any multiple, and count forwards and backwards through the odd numbers. 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. 1-PV2 Reason about the location of numbers to 20 within the linear number system, including comparing using < > and =. Read and write numbers from 1 to 20 in numerals and words.	Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward. Add or subtract 1 or 10 or 100 is in addition and subtraction. Identify, represent and estimate numbers using different representations, including the number line. Reason about the location of any two-digit number in the linear number system, including identifying the previous and next multiple of 10. compare and order numbers from 0 up to 100; use <, > and = signs. Read and write numbers to at least 100 in numerals and in words. Recognise the place value of each digit in a two-digit number (tens, ones). Recognise the place value of each digit in two-digit numbers and compose and decompose two-digit numbers using standard and non-standard partitioning. Use place value and number facts to solve problems.	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number. Add or subtract 1, 10 or 100 is in addition and subtraction. Identify, represent and estimate numbers using different representations. Compare and order numbers up to 1000. Reason about the location of any three-digit number in the linear number system, including identifying the previous and next multiple of 100 and 10. Divide 100 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in multiples of 100 with 2, 4, 5 and 10 equal parts. Read and write numbers up to 1000 in numerals and in words. Recognise the place value of each digit in a three-digit number (hundreds, tens, ones). Know that 10 tens are equivalent to 1 hundred, and that 100 is 10 times the size of 10; apply this to identify and work out how many 10s there are in other three-digit multiples of 10. Recognise the place value of each digit in three-digit numbers, and compose and decompose three-digit numbers using standard and non-standard partitioning. Solve number problems and practical problems involving these ideas.	Count backwards through zero to include negative numbers. Count in multiples of 6, 7, 9, 25 and 1000. Find 1000 more or less than a given number. Identify, represent and estimate numbers using different representations. Order and compare numbers beyond 1000. Reason about the location of any four-digit number in the linear number system, including identifying the previous and next multiple of 1,000 and 100, and rounding to the nearest of each. Divide 1,000 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in multiples of 1,000 with 2, 4, 5 and 10 equal parts. Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones). Know that 10 hundreds are equivalent to 1 thousand, and that 1,000 is 10 times the size of 100; apply this to identify and work out how many 100s there are in other four-digit multiples of 100. Recognise the place value of each digit in four-digit numbers, and compose and decompose four-digit numbers using standard and non-standard partitioning. Round any number to the nearest 10, 100 or 1000. Solve number and 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 numeral system changed to include the concept of zero and place value.	Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero. Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000. Know that 10 tenths are equivalent to 1 one, and that 1 is 10 times the size of 0.1. Know that 100 hundredths are equivalent to 1 one, and that 1 is 100 times the size of 0.01. Know that 10 hundredths are that 0.1 is 10imes the size of 0.01. Divide 1 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in units of 1 with 2, 4, 5 and 10 equal parts. Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit. 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.	Use negative numbers in context, and calculate intervals across zero. Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit. Understand the relationship between powers of 10 from 1 hundredth to 10 million, and use this to make a given number 10, 100, 1,000, 1 tenth, 1 hundredth or 1 thousandth times the size (multiply and divide by 10, 100 and 1,000). Recognise the place value of each digit in numbers up to 10 million, including decimal fractions, and compose and decompose numbers up to 10 million using standard and non-standard partitioning. Round any whole number to a required degree of accuracy. Solve number and practical problems that involve all of the above. Reason about the location of any number up to 10 million, including decimal fractions, in the linear number system, and round numbers, as appropriate, including in contexts. Divide powers of 10, from 1 hundredth to 10 million, into 2, 4, 5 and 10 equal parts, and read scales/number lines with labelled intervals divided into 2, 4, 5 and 10 equal parts.

St George's CE Primary School

Respect for All, Ambitious in Aspirations, Bold in Action

"...with God all things are possible." Matthew 19:26

- Counting
- Adding or subtracting 1,10, 100 or 1000
- Identifying and representing numbers
- Quantity value of digits
- Rounding
- Solving problems