Maths Progression of Skills (based on White Rose and Power Maths)

	F1	F2	ELG	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Place value: Counting	Fast recognition of up to 3 objects, without having to count them individually (subitising) (Autumn Term, then ongoing throughout the year) Recite numbers past 5 (Autumn/ Spring/Summer Term) Say one number for each item in order 1,2,3,4,5 (Autumn/Spring/ Summer Term)	Count objects, actions and sounds. (Autumn/Spring/ Summer Term) Subitise (Autumn/Spring/ Summer Term) Count beyond 10. (Autumn/Spring/ Summer Term)	**Subitise (recognise quantities without counting) up to 5;** **Verbally count beyond 20, recognising the pattern of the counting system;**	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. Count numbers to 100 in numerals: count in multiples of 2 5 and 10s	Count in steps of 2,3 an 5 from 0, and in 10s from and number, forward and backward.	Count from 0 in multiples of 4, 8, 50 and 100. Find 10 or 100 more or less than a given number	Count in multiples of 6, 7, 9, 25 and 1000. Count backwards through zero to include negative numbers	Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000 Count forwards and backwards with positive and negative whole numbers, including through zero	

Maths Progression of Skills (based on White Rose and Power Maths)

Place Value: represent	Link numerals and amounts for example, showing the right number of objects to match the numeral, up to 5. Show "finger numbers" up to 5 (Autumn/Spring/ Summer Term) Experiment with their own symbols and marks as well as numerals. (Autumn/Spring/ Summer Term) Knows that the last number said when counting a small set of objects tells you how many there are in total (cardinal principle) (Autumn/Spring/ Summer Term)	Link the number symbol (numeral) with its cardinal number value. (Autumn/Spring/ Summer Term) Begin to represent number with own symbols		Identify and represent numbers using objects and pictorial representations. Read and write numbers to 100 in numerals Read any write numbers from 1 to 20 in words and numerals	Read and write numbers to at least 100 in numerals and in words. Identify, represent and estimate numbers using different representations, including the number line	identify, represent and estimate numbers using different representations Read and write numbers up to 1000 in numerals and words	identify, represent and estimate numbers using different representations 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	Read, write (order and compare) numbers to at least 1,000,000 and determine the value of each digit. Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.	Read, write (order and compare) numbers to at least 10,000,000 and determine the value of each digit.

Maths Progression of Skills (based on White Rose and Power Maths)

Place Value: Use PV and compare.	Compare quantities using language "more than" "fewer than" (Autumn Term)	Compare numbers (Autumn/Spring/ Summer Term) Understand the one more than/one less than relationship between consecutive numbers (Autumn Term)	**Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity;**	Given a number, identify 1 more and 1 less.	Recognise the place value of each digit in a two digit number (tens and ones) Compare and order numbers from 0 up to 100; use <> and = signs	Recognise the place value of each digit in a three digit number (hundreds, tens and ones) Compare and order numbers up to 1000	Find 1000 more or less than a given number. Recognise the place value of each digit in a four digit number (thousands, hundreds, tens and ones) Compare and order numbers beyond 1000	(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 to at least 10,000,000 and determine the value of each digit.
Place value: Problems and rounding	Solve real world mathematical problems with numbers up to 5. (Autumn/Spring/ Summer Term)	Solve real world mathematical problems with numbers up to 10.			Use place value and number facts to solve problems	Solve number problems and practical problems involving these ideas	Round any number to the nearest 10, 100 or 1000. Solve number and practical problems that involve all of the above with increasingly large positive numbers	Interpret negative numbers in context. 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	Round any whole number to a requires degree of accuracy. Use negative numbers in context, and calculate intervals across zero. Solve number problems that involve all of the above.