



PLACE VALUE YEAR 6

Strand	What do I already know?	What am I going to be learning?	What will I learn next?
Counting	Count to and across 100 from any number - Y1 Count in 2s, 5s, and 10s - Y1 Count in 2s, 3s, 5s and 10s from any number, up and down - Y2 Find one more or less than a number - Y1 Count from 0 in multiples of 4, 8, 50 and 100 – Y3 Find 10 or 100 more or less than a given number – Y3 count backwards through zero to include negative numbers - Y4 count in multiples of 6, 7, 9, 25 and 1000 – Y4 find 1000 more or less than a given number – Y4 interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero – Y5 count forwards or backwards in steps of powers of 10 for any given number up to 1000 000 – Y5	Calculate intervals across zero	KS3 Maths
Comparing numbers	compare and order numbers up to 100 – Y2 use <, > and = signs - Y2 language of comparing numbers - Y1 compare and order numbers up to 1000 – Y3 order and compare numbers beyond 1000, including decimals with up to 2 decimal places – Y4 read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit – Y5	compare numbers to at least 10,000,000 and determine the value of each digit	
Understanding place value	Place value of tens and ones – Y2 Place value of ones, tens and hundreds – Y3 Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) - Y4 read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit – Y5	read, write and order numbers to at least 10,000,000 and determine the value of each digit	
Rounding	Round to the nearest 10, 100 or 1000 – Y4 round any number up to 1 000 000 to the nearest 10, 100, 1 000, 10 000 and 100 000 – Y5	Round any whole number to any required degree of accuracy	
Problem solving	Use place value to solve problems – Y2 Use place value to 3 digits to solve problems – Y3 Use place value to four digits to solve problems – Y4 Solve problems involving numbers up to 1,000,000 – Y5	Solve problems involving numbers up to 10,000,000	
Vocabulary	Ones, tens, hundreds, thousands, ten thousands, hundred thousands, million, ten millions, place holder, value, compare, greater than, less than, equal, more, less, digits, numeral, Roman numeral		