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Mathematics Curriculum Journey – Place Value

Order and compare numbers up to 10,000,000 and determine the value of each digit.

Read, write, (order and compare) numbers up to 10 000 000 and determine the value of each digit.

Use negative numbers in context and calculate intervals across zero.

Round any whole number to a required degree of accuracy.

Y6

Solve number and practical problems.

Read, write, (order and compare) numbers to at least 1,000,000 and determine the value of each digit.

Solve number and practical problems.

Read Roman numerals to 1,000 and recognise years written in Roman numerals.

Interpret negative numbers in context.

Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000.

Y5

Count in multiples of 6, 7, 9, 25 and 1,000.

Identify, represent and estimate numbers using different representations

Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000.

Count backwards through zero to include negative numbers.

Solve number and practical problems.

Recognise the place value of each digit in a four-digit number.

Round any number to the nearest 10, 100 or 1,000

Find 1000 more or less than a given number.

Read Roman numerals to 100 and know that over time, the numeral system changed to include the concept of zero and place value

Read and write numbers up to 1,000 in numerals and in words.

Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number.

Y4

Order and compare numbers beyond 1,000.

Recognise the place value of each digit in a three-digit number (hundreds, tens, ones).

Identify, represent and estimate numbers using different representations.

Read and write numbers to at least 100 in numerals and in words.

Compare and order numbers up to 1,000.

Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.

Identify, represent and estimate numbers using different.

Y3

Recognise the place value of each digit in a two-digit number (tens, ones)

Compare and order numbers from 0 up to 100; use and = signs.

Read and write numbers from 1 to 20 in numerals and words.

Count in multiples of twos, fives and tens.

Y2

Use place value and number facts to solve problems.

Count numbers to 100 in numerals

Identify and represent numbers using objects and pictorial representations.

Read and write numbers to 100 in numerals.

Verbally count beyond 20, recognising the pattern of the counting system.

Given a number, identify one more and one less.

Y1

Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.

Subitise (recognise quantities without counting) up to 5.

EYFS

Automatically recall number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.

Compare quantities up to 10 in different contexts.

Have a deep understanding of number to 10, including the composition of each number.