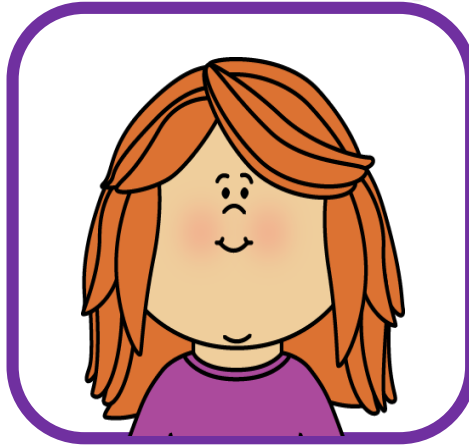




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1 2 3



Reception

Term 1: Getting to know each other

Key Vocab:

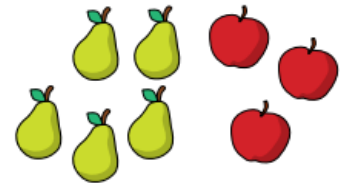
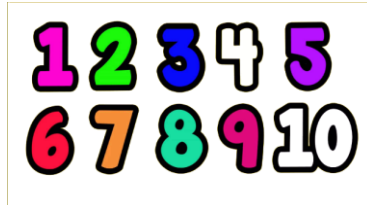
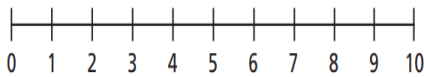
Number

cardinal – one, two, three ordinal – first, second...
conservation – staying the same
numerals – 1,2,3,4,5... subitise quantity

- I can sort objects into groups
- I can match, sort and compare amounts
- I can compare sizes, mass and capacity.
- I can represent and compare different compositions of 1,2 & 3.
- I can recognise patterns.



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Year 1

Term 1: Place Value and Sorting objects & numbers

Key Vocab:	sort	count forwards	count backwards
	number	place value	digit
	add	subtract	take-away
	total	compare	order
	fewer	more	same
			one tens hundreds
			plus minus equals
			number lines

- I can sort objects into groups.
- I can count objects in front of me.
- I can show numbers with counters and frames.
- I can count on from any given number.
- I can write these numbers down in numbers and words.
- I can order numbers by size.
- I know what 1st 2nd 3rd 4th and 5th mean.
- I can count and find numbers on a number line.



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Year 2

Term 1: Place value, addition and subtraction

Key Vocab: number place value digits one tens hundreds
expanded form numerals words
number line
add subtract take-away plus minus equals
total compare order

- I have revised numbers to 20 in different representations.
- I can recognise numbers to 100 in different representations.
- I can recognise the values of digits in numbers up to 100.
- I can write numbers to 100 in numerals and words.
- Count forwards and backwards up to 100.
- I can place numbers to 100 on the number line.
- I can count in 2s, 3s, 5s and 10s.
- I am able to compare numbers up to 100.
- Order numbers up to 100 using place value.
- I can quickly calculate doubles
- I can use number bonds to 20 to + and – quickly.
- I can use number bonds between tens numbers to 100.
- I can add three 1-digit numbers together.
- I can add numbers together across a tens number.



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$$\begin{array}{r} 38 \\ + 93 \\ \hline 131 \\ \hline 1 \end{array}$$



643
↑ ↑ ↑
hundreds tens ones

Year 3

Term 1: Place Value, Addition & Subtraction

Key Vocab: number place value digit one tens hundreds
add subtract take-away plus minus equals
total compare order

- I can recognise numbers to 100 in different representations.
- I can identify numbers on a number line to 100.
- I can recognise larger numbers to 1,000.
- I can count and find numbers on a 1,000 number line.
- I can partition numbers to 1,000 into hundreds, tens & ones.
- I can compare and order numbers up to 1,000.
- I can count in 50s.
- I can + and - 10 100 or 1,000 to or from a number.
- I can + and - with more difficult numbers using counters and place value grids.
- I can + or - with columns confidently, without exchanges.
- I can use + and - columns with exchanges.



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$$\begin{array}{r} 6 \ 2 \ 1 \ 9 \\ - 4 \ 5 \ 2 \ 7 \\ \hline \end{array}$$



2,643

↑ thousands
↑ hundreds
↑ tens
↑ ones

Year 4

Term 1: Place Value, Addition & Subtraction

Key Vocab: number numeral place value digit one tens
hundreds add subtract take-away exchange
plus minus equals total compare order
I V X L C D M

- I am practising X Tables every week.
- I am able to read and write numbers beyond 1,000
- I can partition numbers up to 10,000.
- I am able to find 10, 100 or 1,000 more or less than a given number.
- I can compare and order numbers to 10,000.
- I can round numbers to the nearest 10, 100 and 1,000.
- I am able to count in multiples of 4, 6, 7, 8, 9, 25, 50, 100 and 1,000
- I am able to read Roman numerals.
- I can add in 1s, 10s, 100s and 1,000s numbers.
- I can add and subtract with a 4 digit number in a column, using exchanges.
- I am able to solve reasoning problems with these skills.
- I can estimate answers and check answers to questions.



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$$\begin{array}{r} 67592 \\ + 15734 \\ \hline \end{array}$$



5,892,643

millions
hundred thousands
ten thousands
thousands
hundreds
tens
ones

Year 5

Term 1: Place Value, Addition & Subtraction

Key Vocab: number numeral place value digit
Roman Numerals.
one tens hundreds thousands tens of thousands
hundred thousands
add subtract take-away exchange plus minus
equals total compare order
Inverse operation

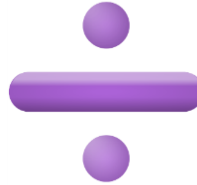
- I can recognise Roman Numerals to 10,000.
- I can read, write and compare numbers up to 1,000,000.
- I can compare numbers that are related by powers of 10.
- I am rounding to the nearest 10, 100, 1000, 10,000, 100,000 and even millions.
- I can use mental strategies to add and subtract.
- I can + and – numbers beyond 4 digits in columns.
- I can solve inverse operations and check my answer with the opposite calculation.
- I have solved multi-step + and – problems.
- I can find missing numbers in + and – calculations.



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$$\begin{array}{r} 652 \\ \times 51 \\ \hline \end{array}$$

$$\begin{array}{r} 132 \text{ r}9 \\ 15 \overline{) 1989} \\ \underline{15} \\ 48 \\ \underline{45} \\ 39 \end{array}$$



5,892,643

millions
hundred thousands
ten thousands
thousands
hundreds
tens
ones

Year 6

Term 1: Place Value & Calculations

Key Vocab: number numeral place value digit one tens
hundreds thousands millions add subtract
prime numbers multiples factors common
take-away plus minus equals total
compare order
Multiply divide times share
Brackets Indices Division Multiplication Division Addition Subtraction

- I can read, write and compare numbers to 10,000,000
- I know the value of each digit in a 7 digit number.
- I can compare related numbers with powers of 10.
- I can round numbers to the any 10s integer.
- I can add and subtract mentally.
- I can find common factors, multiples and prime numbers.
- I can use long multiplication.
- I can use long division.
- I can solve problems using all four operations.
- I can identify and write square numbers, cubed numbers and prime numbers to 100.
- I can use BIDMAS to work out the order of operations.
- I can use reasoning skills and my calculation skills together.