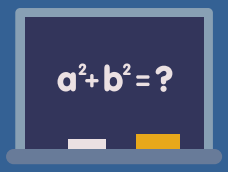
Mathematics
Curriculum Map

Y6

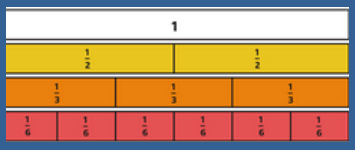
In Y6, I understand place value to at least 10 000 000 and can work with decimals to 3 decimal places. I use common factors to simplify fractions and can add, subtract, multiply and divide fractions. I am introduced to ratio, proportion and algebra as I explore formulaw and learn to express missing numbers algebraically. I work with all 4 quadrants on a full coordinate grid.

1:1



Y5

In Y5, I read, write, order and compare numbers to at least 1,000,000 and can round these to the nearest 10, 100, 1 000, 10 000 and 100 000. I add, subtract, multiply and divide numbers with more than 4 digits using long and short written methods and solve multi-step problems. I learn about prime, composite, square and cube numbers. I recognise mixed numbers and improper fractions and can read and write decimal numbers as fractions and percentages. I learn to recognise equivalences between metric and imperial units of measure.

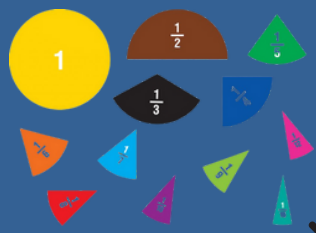


Y4

I n Y4, I begin to count back through 0, recognising negative numbers. I read Roman numerals to 100 and can round any number to 10, 100 or 1000. I solve 2-step problems involving addition and subtraction of numbers up to 4 digits and know my multiplication and division facts to 12x12. I learn to recognise equivalent fractions, count up and down in hundredths, find the area of shapes by counting squares, describe translations and the position on a 2D grid as coordinates in the first quadrant.

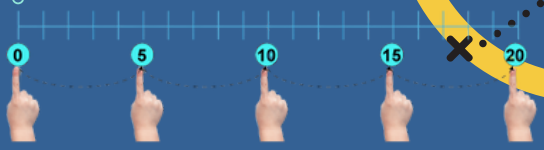
Y3

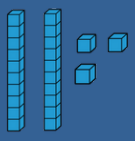
In Y3, I read and write numbers up to 1000 in numerals and words and understand the place value of each digit, enabling me to compare them and find 10 or 100 more or less than a number. I add and subtract numbers up to 3 digits using column methods, estimate the answers to my calculations and use the inverse to check. I learn to add, subtract, compare and order fractions with the same denominator and count up and down in tenths. I tell the time on 12 and 24-hour clocks, including those with Roman numerals. I measure the perimeter of simple 2D shapes and identify angles greater or less than a right angle.

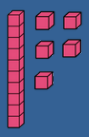


Y2

In Y2, I learn to read, write and recognise numbers to at least 100 in numerals and words and compare these using < > and =. I add 1 and 2-digit numbers and solve problems using concrete objects, numberlines and pictorial representations. I learn to recognise odd and even numbers, understand fractions such as 1/3 and 3/4, use standard units of measure such as cm and g and tell the time to 5 minutes. I compare and sort 2-D and 3-D shapes.







Y1

In Y1, I learn to read write and count numbers to 100. I add and subtract one and two digit numbers to 20 and recognise 1 more and 1 less. I begin to recognise and understand half and quarter as equal parts of a whole. I use the language of dates and tell the time to half past and o'clock. I learn to recognise common 2D and 3D shapes and use the language of position and direction such as half turn.

EYFS

I enjoy a wide range of practical activities and games that will enable me to build my early understanding of mathematical concepts. I will learn to count confidently, develop a deep understanding of the numbers to 10, the relationships between them and the patterns within those numbers. I will also develop my spatial reasoning skills across all areas of mathematics including shape, space and measures.