



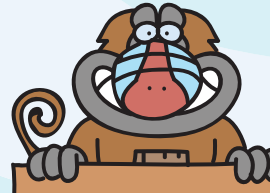
Number and Place Value

- I can recognise years written in Roman numerals.
- I can read Roman numbers to 1000 (M).
- I can solve number problems and practical problems.
- I can round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 & 100,000.
- I can use negative numbers in context & can count through 0 with positive and negative numbers.
- I can count in steps of powers of 10 for any given number up to 1,000,000.
- I know what each digit represents in numbers to 1,000,000.
- I can read, write, order and compare numbers to at least 1,000,000.



Addition and Subtraction

- I can solve addition multi-step problems, deciding what operations & methods to use & why.
- I can solve subtraction multi-step problems, deciding what operations & methods to use & why.
- I can use rounding to check answers to calculations.
- I can subtract mentally, using increasingly large numbers.
- I can add mentally, using increasingly large numbers.
- I can subtract numbers with more than 4 digits using written methods.
- I can add numbers with more than 4 digits using written methods.



Multiplication and Division

- I can solve problems including scaling by simple fractions and simple rates.
- I can recognise and use square numbers and cube numbers.
- I can $\times$ and $\div$ whole numbers and decimals by 10, 100 and 1000.
- I can divide numbers up to 4 digits by a 1 digit number using a written method.
- I can $\times$ numbers up to 4 digits by a 1 digit number using a written method.
- I can establish whether a number up to 100 is prime & recall prime numbers up to 19.
- I know and use the vocab of prime numbers, prime factors and composite (non-prime) numbers.
- I can solve problems using multiplication and division.
- I can identify multiples and factors, including finding all factor pairs.



Fractions

- I recognise the % symbol and can write percentages as a fraction.
- I can solve number problems up to 3 decimal places.
- I can read, write, order and compare numbers with up to 3 decimal places.
- I can round decimals with 2 decimal places to the nearest whole number & to one decimal place.
- I can recognise and use 1000ths and relate them to 10ths, 100ths and decimal equivalents.
- I can read and write decimal numbers as fractions.
- I can multiply proper fractions and mixed numbers by whole numbers, supported by materials & diagrams.
- I can $+$ and $-$ fractions with the same denominator & related fractions.
- I recognise mixed numbers and improper fractions and convert from one form to another.
- I can compare and order fractions whose denominators are all multiples of the same number.



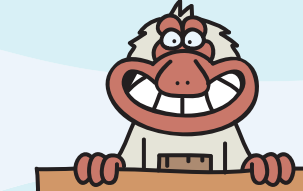
Measures

- I can solve problems involving $+$ and $-$ of units of measures with decimal notation.
- I can solve problems involving converting between units of time.
- I can estimate the area of irregular shapes.
- I can recognise and estimate volume and capacity.
- I can calculate and compare the area of squares and rectangles.
- I can measure & calculate the perimeter of composite rectilinear shapes in cm and m.
- I understand & use basic equivalence between metric & imperial units.
- I can convert between different units of measure e.g. Km to m.



Geometry

- I can distinguish between regular and irregular polygons.
- I can state and use the properties of a rectangle to deduce related facts.
- I can draw shapes using given dimensions and angles.
- I can compare different angles.
- I can identify reflex angles.
- I can identify angles at a point and one whole turn.
- I can identify angles at a point on a straight line and $1/2$ a turn.
- I can draw a given angle, writing its size in degrees.
- I know angles are measured in degrees and can estimate and measure them.
- I can identify 3-D shapes, including cuboids from 2-D presentations.



Statistics

- I can present information using ICT.
- I can read and interpret information in tables including timetables.
- I can complete information in tables including timetables.
- I can solve 'difference' problems using information from line graphs.
- I can solve 'sum' problems using info from line graphs.
- I can solve 'comparison' problems using information in line graphs.