

Number and Place Value

Count in 4s, 8s, 50s and 100s from any number
Read and write numbers up to 1000 in numbers and words
Compare and order numbers up to 1000
Recognise the place value of each digit in three-digit numbers (hundreds, tens and ones)
Find ten more or ten less than a given number
Identify, estimate and represent numbers in different ways
Solve number problems and practical problems that involve all of the above



Year 3

End of year expectations



Measurement

Compare and measure: lengths (mm, cm, m), masses (g, kg), volumes/capacities (ml, l)
Estimate, tell and write the time on an analogue clock to the nearest minute (12 and 24 hour)
Know and use facts about time e.g. 60 minutes in an hour, 365 days in a year/366 in a leap year and vocabulary about time e.g. am/pm
Compare time in terms of seconds, minutes and hours using vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight
Calculate durations of time for example to calculate the time taken between particular events
Measure the perimeter of simple 2-D shapes
Add and subtract amounts of money, using both pounds and pence (including giving change)
Add and subtract in the context of length, mass and capacity/volume

Calculation

Addition and Subtraction

Add and subtract numbers mentally including a three digit number and ones, a three digit number and tens, a three digit number and hundreds
Add and subtract numbers with up to three-digits using formal written method of column addition and subtraction
Estimate the answers to a calculation and use the inverse to check answers
Solve missing number problems using number facts, place value, and more complex addition and subtraction

Multiplication and Division

Recall and use multiplication and division facts for the 3, 4, and 8 multiplication tables
Multiply and divide numbers mentally and using an efficient written method (up to $TU \times U$ and $TU \div U$)
Solve problems, including missing number problems, involving multiplication and division, including scaling problems



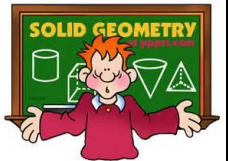
Fractions

Count up and down in tenths
Understand what tenths mean
Recognise, find and write fractions of a set of objects e.g. $\frac{1}{4}$ of 12 pencils or $\frac{3}{4}$ of 20 shells
Recognise and show, using diagrams, equivalent fractions
Compare and order fractions with the same denominator
Add and subtract fractions with the same denominator within one whole e.g. $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$
Solve problems that involve all of the above



Geometry

Identify horizontal, vertical, perpendicular and parallel lines in shapes
Draw 2-D shapes using given dimensions and angles
Make and describe 3-D shapes
Recognise angles within a shape as a right angle, less than a right angle or greater than a right angle and as an angle of turn



Statistics

Interpret and present data using bar charts, pictograms and tables
Solve one-step and two-step questions (e.g. 'How many more?' and 'How many fewer?') using information presented in scaled bar charts, pictograms and tables

