



'Aspire'

Year 3 Mastery Indicators

Read and write numbers up to 1000 in numerals and in words

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

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

compare and order numbers up to 1000

Solve number problems and practical problems involving these ideas

Add and subtract numbers mentally, including:

- a three-digit number and ones - a three-digit number and tens - a three-digit number and hundreds

Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction

Estimate the answer to a calculation and use inverse operations to check answers

Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables

Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods

Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects

count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10

Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators

compare and order unit fractions, and fractions with the same denominators

recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators

add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$]

recognise and show, using diagrams, equivalent fractions with small denominators

solve problems that involve all of the above