

Learners at Entry Level 3 are expected to become confident in their use of fundamental mathematical knowledge and skills, as described through the following content areas, and demonstrate their understanding by applying their knowledge and skills to solve simple mathematical problems or carry out simple tasks.

1. Content area: Using numbers and the number system – whole numbers, fractions and decimals Content
E3.1 Count, read, write, order and compare numbers up to 1000
E3.2 Add and subtract using three-digit whole numbers
E3.3 Divide three-digit whole numbers by single- and double-digit whole numbers and express remainders
E3.4 Multiply two-digit whole numbers by single- and double-digit whole numbers
E3.5 Approximate by rounding numbers less than 1000 to the nearest 10 or 100 and use this rounded answer to check results
E3.6 Recognise and continue linear sequences of numbers up to 100
E3.7 Read, write and understand thirds, quarters, fifths and tenths, including equivalent forms
E3.8 Read, write and use decimals up to two decimal places
E3.9 Recognise and continue sequences that involve decimals
2. Content area: Using common measures, shape and space Content
E3.10 Calculate with money using decimal notation and express money correctly in writing in pounds and pence
E3.11 Round amounts of money to the nearest £1 or 10p
E3.12 Read, measure and record time using am and pm
E3.13 Read time from analogue and 24-hour digital clocks in hours and minutes
E3.14 Use and compare measures of length, capacity, weight and temperature using metric or imperial units to the nearest labelled or unlabelled division
E3.15 Compare metric measures of length, including millimetres, centimetres, metres and kilometres
E3.16 Compare measures of weight, including grams and kilograms
E3.17 Compare measures of capacity, including millilitres and litres
E3.18 Use a suitable instrument to measure mass and length
E3.19 Sort 2-D and 3-D shapes using properties, including lines of symmetry, length, right angles, angles, including in rectangles and triangles
E3.20 Use appropriate positional vocabulary to describe position and direction, including eight compass points and full/half/quarter turns
3. Content area: Handling information and data Content
E3.21 Extract information from lists, tables, diagrams and charts and create frequency tables
E3.22 Interpret information, to make comparisons and record changes, from different formats, including bar charts and simple line graphs
E3.23 Organise and represent information in appropriate ways, including tables, diagrams, simple line graphs and bar charts

Solving mathematical problems and decision making Entry Level 3 learners are expected to be able to use the knowledge and skills listed above to recognise a simple problem and obtain a solution. A simple problem is one which requires working through one step or process. At Entry Level 3, it is expected that learners will be able to address individual problems, each of which draws on knowledge and/or skills from one mathematical content area (i.e. number and the number system; common measures, shape and space; information and data).