**Pearson Functional Skills Mathematics Level 1**

**Scheme of Work overview**

**Subject Content**

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| **Using numbers and the number system – whole numbers, fractions, decimals and percentages** |
| 1. L1.1 Read, write, order and compare large numbers (up to one million)
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| 1. L1.2 Recognise and use positive and negative numbers
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| 1. L1.3 Multiply and divide whole numbers and decimals by 10, 100, 1000
 |
| 1. L1.4 Use multiplication facts and make connections with division facts
 |
| 1. L1.5 Use simple formulae expressed in words for one or two-step operations
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| 1. L1.6 Calculate the squares of one-digit and two-digit numbers
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| 1. L1.7 Follow the order of precedence of operators
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| 1. L1.8 Read, write, order and compare common fractions and mixed numbers
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| 1. L1.9 Find fractions of whole number quantities or measurements
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| 1. L1.10 Read, write, order and compare decimals up to three decimal places
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| 1. L1.11 Add, subtract, multiply and divide decimals up to two decimal places
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| 1. L1.12 Approximate by rounding to a whole number or to one or two decimal places
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| 1. L1.13 Read, write, order and compare percentages in whole numbers
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| 1. L1.14 Calculate percentages of quantities, including simple percentage increases and decreases by 5% and multiples thereof
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| 1. L1.15 Estimate answers to calculations using fractions and decimals
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| 1. L1.16 Recognise and calculate equivalences between common fractions, percentages and decimals
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| 1. L1.17 Work with simple ratio and direct proportions
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| **Using common measures, shape and space** |
| 1. L1.18 Calculate simple interest in multiples of 5% on amounts of money
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| 1. L1.19 Calculate discounts in multiples of 5% on amounts of money
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| 1. L1.20 Convert between units of length, weight, capacity, money and time, in the same system
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| 1. L1.21 Recognise and make use of simple scales on maps and drawings
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| 1. L1.22 Calculate the area and perimeter of simple shapes including those that are made up of a combination of rectangles
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| 1. L1.23 Calculate the volumes of cubes and cuboids
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| 1. L1.24 Draw 2-D shapes and demonstrate an understanding of line symmetry and knowledge of the relative size of angles
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| 1. L1.25 Interpret plans, elevations and nets of simple 3-D shapes
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| 1. L1.26 Use angles when describing position and direction, and measure angles in degrees
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| **Handling information and data** |
| 1. L1.27 Represent discrete data in tables, diagrams and charts including pie charts, bar charts and line graphs
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| 1. L1.28 Group discrete data and represent grouped data graphically
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| 1. L1.29 Find the mean and range of a set of quantities
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| 1. L1.30 Understand probability on a scale from 0 (impossible) to 1 (certain) and use probabilities to compare the likelihood of events
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| 1. L1.31 Use equally likely outcomes to find the probabilities of simple events and express them as fractions
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