**Pearson Functional Skills Mathematics Level 1**

**Scheme of Work overview**

**Subject Content**

|  |
| --- |
| **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) |
| 1. L1.2 Recognise and use positive and negative numbers |
| 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 |
| 1. L1.6 Calculate the squares of one-digit and two-digit numbers |
| 1. L1.7 Follow the order of precedence of operators |
| 1. L1.8 Read, write, order and compare common fractions and mixed numbers |
| 1. L1.9 Find fractions of whole number quantities or measurements |
| 1. L1.10 Read, write, order and compare decimals up to three decimal places |
| 1. L1.11 Add, subtract, multiply and divide decimals up to two decimal places |
| 1. L1.12 Approximate by rounding to a whole number or to one or two decimal places |
| 1. L1.13 Read, write, order and compare percentages in whole numbers |
| 1. L1.14 Calculate percentages of quantities, including simple percentage increases and decreases by 5% and multiples thereof |
| 1. L1.15 Estimate answers to calculations using fractions and decimals |
| 1. L1.16 Recognise and calculate equivalences between common fractions, percentages and decimals |
| 1. L1.17 Work with simple ratio and direct proportions |

|  |
| --- |
| **Using common measures, shape and space** |
| 1. L1.18 Calculate simple interest in multiples of 5% on amounts of money |
| 1. L1.19 Calculate discounts in multiples of 5% on amounts of money |
| 1. L1.20 Convert between units of length, weight, capacity, money and time, in the same system |
| 1. L1.21 Recognise and make use of simple scales on maps and drawings |
| 1. L1.22 Calculate the area and perimeter of simple shapes including those that are made up of a combination of rectangles |
| 1. L1.23 Calculate the volumes of cubes and cuboids |
| 1. L1.24 Draw 2-D shapes and demonstrate an understanding of line symmetry and knowledge of the relative size of angles |
| 1. L1.25 Interpret plans, elevations and nets of simple 3-D shapes |
| 1. L1.26 Use angles when describing position and direction, and measure angles in degrees |
| **Handling information and data** |
| 1. L1.27 Represent discrete data in tables, diagrams and charts including pie charts, bar charts and line graphs |
| 1. L1.28 Group discrete data and represent grouped data graphically |
| 1. L1.29 Find the mean and range of a set of quantities |
| 1. L1.30 Understand probability on a scale from 0 (impossible) to 1 (certain) and use probabilities to compare the likelihood of events |
| 1. L1.31 Use equally likely outcomes to find the probabilities of simple events and express them as fractions |