**NCFE Functional Skills Maths Curriculum Overview**

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| **Phase / Subject** | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **Focus for**  **Learning** | Number Skills  Money | Number Skills  Time | Shape, Space and Measure | Collecting and Representing Data | Revision of topics | Controlled Assessments |
| **NCFE Functional Skills Entry 1**  **(EL1)** | Read write and use numbers to 20  (N01, N02, N03, N04)  Recognise coins and notes and write them  (M05) | Read write and use numbers to 20  (N01, N02, N03, N04)  Tell the time using digital and analogue clocks (M06)  Know the days of the week, months and seasons (M07) | Use positional language (M10)  Able to describe and compare length and weight (M08)  Able to recognise and name common 2-D and 3-D shapes (M09) | Able to read and draw simple charts and diagrams (H11, H12, H13) | Revision and practice papers for all topics | Revision and practice papers for all topics |
| **NCFE Functional Skills Entry 2**  **(EL2)** | Read write and use numbers to 100  (N01, N02, N03, N05)  Read and use decimals (N11)  Add and subtract money to £1 (M12) | Multiplication and division (N06, N08)  Rounding to nearest 10 , fractions (N09, N10)  Able to read and record time (M13, N07) | Use positional language (M21)  Recognise, name and identify properties of 2-D and 3-D shapes (M19, M20)  Read scales, and measure length and weight (M14, M15, M16, M17, M18) | Extract information from lists, diagrams, diagrams and bar charts (H21)  Create lists, diagrams, charts and bar charts (H25)  Sort and classify objects using 2 criteria (H24) | Revision and practice papers for all topics | Revision and practice papers for all topics |
| **NCFE Functional Skills Entry 3** | Read write and use numbers to 1000 (N01, N02)  Read, write and use decimals to 2 places (N8)  Calculate with money using decimal notation (M10) | Multiplication and division (N03, N04)  Rounding to nearest 10 and 1000, £1 and 10p (N05, M14)  Find, calculate and simplify fractions (N07)  Read, measure and record time ((M12, M13) | Use positional language (M20) Recognise, name and identify properties of 2-D and 3-D shapes (M19)  Use and compare measures of length, capacity, weight and temperature (M14, M15, M16, M17, M18) | Organise and represent information in appropriate ways including table, diagrams, line graphs and charts (H21, H22, H23)  Recognise and continue sequences (N06, N9) | Revision and practice papers for all topics | Revision and practice papers for all topics |
| **NCFE Functional Skills**  **Level 1** | Read, write, order and compare large numbers (up to one million) (N1)  Recognise and use positive and negative numbers (N2)  Multiply and divide whole numbers and decimals by 10, 100, 1000 (N3)  Use multiplication facts and make connections with division facts (N4)  Read, write, order and compare decimals up to 3decimal places (N10)  Add, subtract, multiply and divide decimals up to 2decimal places (N11)  Read, write, order and compare percentages in whole numbers (N13)  Calculate percentages of quantities, including simple percentage increases and decreases by 5% and multiples thereof (N14)  Calculate simple interest in multiples of 5% on amounts of money (M18)  Calculate discounts in multiples of 5% on amounts of money (M19) | Use simple formulae expressed in words for one or 2-step operations (N5)  Calculate the squares of one-digit and 2-digit numbers (N6)  Follow the order of precedence of operators (N7)  Read, write, order and compare common fractions and mixed numbers (N8)  Find fractions of whole number quantities or measurements (N9)  Approximate by rounding to a whole number or to one or 2decimal places (N12)  Estimate answers to calculations using fractions and decimals (N15)  Recognise and calculate equivalences between common fractions, percentages and decimals (N16)  Work with simple ratio and direct proportions (N17) | Convert between units of length, weight, capacity, money and time, in the same system (M20)  Recognise and make use of simple scales on maps and drawings (M21)  Calculate the area and perimeter of simple shapes including those that are made up of a combination of rectangles (M22)  Calculate the volumes of cubes and cuboids (M23)  Draw 2-D shapes and demonstrate an understanding of line symmetry and knowledge of the relative size of angles (M24)  Interpret plans, elevations and nets of simple 3-D shapes (M25)  Use angles when describing position and direction, and measure angles in degrees (M26) | Represent discrete data in tables, diagrams and charts including pie charts, bar charts and line graphs (H27)  Group discrete data and represent grouped data graphically (H28)  Find the mean and range of a set of quantities (H29)  Understand probability on a scale from 0 (impossible) to 1 (certain) and use probabilities to compare the likelihood of events (H30)  Use equally likely outcomes to find the probabilities of simple events and express them as fractions (H31) | Revision and practice papers for all topics | Revision and practice papers for all topics |