Checklist for Edexcel Functional Skills Mathematics Level 1

Number

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| Descriptor number | Descriptor | I am confident with this. | I need to revise this. | I need more help with this. |
| 1 | Read, write, order and compare large numbers (up to one million). |  |  |  |
| 2 | Recognise and use positive and negative numbers. |  |  |  |
| 3 | Multiply and divide whole numbers and decimals by 10, 100, 1000. |  |  |  |
| 4 | Use multiplication facts and make connections with division facts. |  |  |  |
| 5 | Use simple formulae expressed in words for one or two-step operations. |  |  |  |
| 6 | Calculate the squares of one-digit and two-digit numbers. |  |  |  |
| 7 | Follow the order of precedence of operators (BIDMAS). |  |  |  |
| 8 | Read, write, order and compare common fractions and mixed numbers. |  |  |  |
| 9 | Find fractions of whole number quantities or measurements. |  |  |  |
| 10 | Read, write, order and compare decimals up to three decimal places. |  |  |  |
| 11 | Add, subtract, multiply and divide decimals up to two decimals places. |  |  |  |
| 12 | Approximate by rounding to a whole number or to one or two decimal places. |  |  |  |
| 13 | Read, write, order and compare percentages in whole numbers. |  |  |  |
| 14 | Calculate percentages of quantities, including simple percentage increases and decreases by 5% and multiples of 5% e.g. 5%, 10%, 15%, 20% …. |  |  |  |
| 15 | Estimate answers to calculations using fractions and decimals. |  |  |  |
| 16 | Recognise and calculate equivalences between common fractions, percentages and decimals. |  |  |  |
| 17 | Work with simple ratios and direct proportions. |  |  |  |

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Data Handling

Shape, Space and Measure

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| 18 | Calculate simple interest in multiples of 5% on amounts of money. |  |  |  |
| 19 | Calculate discounts in multiples of 5% on amounts of money. |  |  |  |
| 20 | Convert between units of length, weight, capacity, money and time, in the same system. |  |  |  |
| 21 | Recognise and make use of simple scales on maps and drawings. |  |  |  |
| 22 | Calculate the area and perimeter of simple shapes including those that are made up of a combination of rectangles. |  |  |  |
| 23 | Calculate the volume of cubes and cuboids. |  |  |  |
| 24 | Draw 2D shapes and demonstrate an understanding of line symmetry and knowledge of the relative size of angles. |  |  |  |
| 25 | Interpret plans, elevations and nets of simple 3D shapes. |  |  |  |
| 26 | Use angles when describing position and direction, and measure angles in degrees. |  |  |  |

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| 27 | Represent discrete data in tables, diagrams and charts including pie charts, bar charts and line graphs. |  |  |  |
| 28 | Group discrete data and represent grouped data graphically. |  |  |  |
| 29 | Find the mean and range of a set of quantities. |  |  |  |
| 30 | Understand probability on a scale from 0 (impossible) to 1 (certain) and use probabilities to compare the likelihood of events. |  |  |  |
| 31 | Use equally likely outcomes to find probabilities of simple events and express them as fractions. |  |  |  |