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| Unit Title: | Understanding Maths |
| Unit Level: | Level 2 |
| Unit Credit Value: | 3 |
| GLH: | 18 |
| LASER Unit Code: | WJH242 |
| Ofqual Unit Code: | T/650/4316 |

This unit has 6 learning outcomes.

| Learning Outcome (The Learner will): | | Assessment Criteria (The Learner can): | |
|---|---|---|---|
| 1. | Understand the use of numbers in everyday situations. | 1.1 | Explain the functions of numbers and the meaning of associated terms. |
| | | 1.2 | Recognise powers and roots and use them appropriately. |
| 2. | Be able to carry out basic numerical operations. | 2.1 | Add, subtract, multiply and divide numbers. |
| | | 2.2 | Manage large and small numbers (fractions, decimals and SI prefixes). |
| | | 2.3 | Calculate ratios, proportions and percentages. |
| 3. | Understand the uses of algebra. | 3.1 | Explain when algebra should be used and what it can achieve. |
| | | 3.2 | Recognise the elements used in algebra and construct simple and useful equations using algebra. |
| 4. | Be able to follow algebraic rules to solve equations. | 4.1 | Solve simple equations using the rules of algebra. |
| 5. | Be able to calculate the size of shapes using geometry. | 5.1 | Recognise and name common shapes and parts of shapes. |
| | | 5.2 | Use the correct units when measuring shapes. |
| | | 5.3 | Use formulas to calculate the length, area and volume of common shapes. |
| | | 5.4 | Solve everyday problems using areas and volumes. |
| 6. | Be able to present and interpret mathematical data. | 6.1 | Recognise types and arrangements of data in charts and tables. |
| | | 6.2 | Extract information from charts and tables. |
| | | 6.3 | Present given or collected data in a range of different graphs and tables. |
| | | 6.4 | Draw conclusions from given or collected data to meet needs. |

Assessment Guidance:

The assessment method for this unit must evaluate the student's knowledge and skills in using maths. A maths workbook would be suitable for the assessment of this unit.

Additional Information:

LASER has an exemplar assessment brief which centres can use or adapt for assessment purposes.