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| Scheme of Work  Mathematics  Functional Skills |
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| **Scheme of Work** | |
| **Mathematics Functional Skills** | |
| Version Number | 1.0 |
| Implementation Date | 01 JULY 2017 |
| Peregrinate Scheme Manager | Angela Mollan, Chris Mollan |
| Approved by Senior Management | 01 JUNE 2017 |
| Approving Signature | Angela Mollan |
| Review Date | 01 JULY 2019 |

At Peregrinate we offer BTEC Edexcel qualifications in Functional Skills Mathematics at Entry Levels 1,2,3, Level 1 and level 2.

Topics covered:

**Entry Level:**

* Number
* Measure
* Dates and time
* Shape and space
* Handling Data

**Level 1:**

* Number
* Fractions, decimals and percentages
* Ratio and proportion
* Time
* Measures
* Drawing and measuring
* Formulae
* Area and perimeter
* Collect and represent data
* Use and interpret data
* Likelihood of events

**Level 2:**

At Level 2, the skills standards and coverage and range subsume the skills standards and the indicative coverage and range at Level 1, supporting progression from Level 1.

The Level 2 Functional Skills qualification in Mathematics assesses the following three interrelated process skills:

* Representing – selecting the mathematics and information to model a situation
* Analysing – processing and using mathematics
* Interpreting – interpreting and communicating the results of the analysis

• Learners recognise that a situation has aspects that can be represented using mathematics

• Learners make an initial model of a situation using suitable forms of representation

• Learners decide on the methods, operations and tools, including ICT, to use in a situation

• Learners select the mathematical information to use

• Learners use appropriate mathematical procedures

• Learners examine patterns and relationships

• Learners change values and assumptions or adjust relationships to see the effects on answers in models

• Learners find results and solutions

• Learners interpret results and solutions

• Learners draw conclusions in light of situations

• Learners consider the appropriateness and accuracy of results and conclusions

• Learners choose appropriate language and forms of presentation to communicate results and solutions

Paper based assessment is a test paper set by Pearson Edexcel and marked at Peregrinate. Edexcel then allocate a Standards Verifier who visits the centre to ensure accurate and consistent marking is taking place. Alternatively learners can access on-line tests which are set and marked by Pearson Edexcel. The component assesses all required functional skills mathematics standards.