

Mathematics Foundation

The Mathematics Foundation course focuses on building the capacity, confidence and disposition to use mathematics to meet the numeracy standard for the WACE.

This course is for students who have not demonstrated the numeracy standard in the OLNA. It provides students with the knowledge, skills and understanding to solve problems across a range of contexts including personal, community and workplace/employment.

This course provides the opportunity for students to prepare for post-school options of employment and further training.

Mathematics

Courses

Course Structure

Year 11

Unit 1

This unit provides students with the mathematical knowledge, understanding and skills to solve problems relating to five content areas. These are:

- Whole numbers and money
- Addition and subtraction with whole numbers and money
- Length, mass and capacity
- Time
- Data, graphs and tables

Unit 2

This unit provides students with the mathematical knowledge, understanding and skills to solve problems relating to five content areas. These are:

- Understanding fractions and decimals
- Multiplication and division with whole numbers and money
- Metric relationships
- Perimeter, area and volume
- The probability of everyday events

Mathematics

Courses

Year 12

Unit 3

This unit provides students with the mathematical knowledge, understanding and skills to solve problems relating to five content areas. These are:

- The four operations: whole numbers and money
- Percentages linked with fractions and decimals
- The four operations: fractions and decimals
- Location, time and temperature
- Space and design

Unit 4

This unit provides students with the mathematical knowledge, understanding and skills to solve problems relating to five content areas. These are:

- Rates and ratios
- Statistics and probability
- Application of the mathematical thinking process in personal, work and community contexts