ESSENTIAL MATHEMATICS

In Essential Mathematics, students develop skills that go beyond the tradition ideas of Numeracy. There is greater emphasis on estimation, problem solving and reasoning to enable students to make informed choices about personal and financial priorities. Students will experience mathematics applicable to employability and lifestyle.

Our Mission

To develop inspired, innovative and resilient learners prepared to challenge the future.

Essential Mathematics

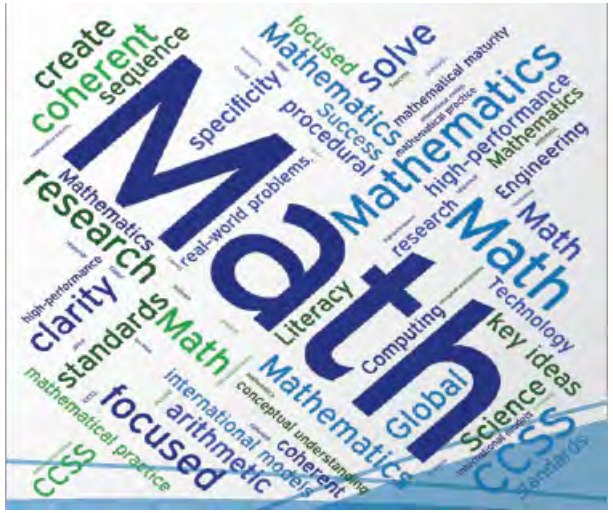
Applied Subject

Senior Program 11-12

ESSENTIAL MATHEMATICS

Essential Mathematics' major domains are Number, Data, Location and time, Measurement and Finance.

Essential Mathematics benefits students by developing skills that go beyond the traditional ideas of numeracy. It is a recommended course of study for students undertaking Vocational certificates as part of their Year 11/12 pathway, as well as those who are not planning on going to University for post school studies.



TOPICS: Unit 1 & 2

Unit 1	Unit 2
Number, data and graphs	Money, travel and data
• Fundamental topic: Calculations • Number • Representing data • Graphs	• Fundamental topic: Calculations • Managing money • Time and motion • Data collection

TOPICS: UNIT 3 & 4

Unit 3	Unit 4
Measurement, scales and data	Graphs, chance and loans
• Fundamental topic: Calculations • Measurement • Scales, plans and models • Summarising and comparing data	• Fundamental topic: Calculations • Bivariate graphs • Probability and relative frequencies • Loans and compound interest

For successful completion of Essential Mathematics, students needs to complete a Common Internal Assessment at the end of Unit 3. This is weighted at 25% of their overall grade.

ASSESSMENT: Unit 3 & 4

The topics within Unit 1 and 2 will be assessed through formative assessment items. These items mirror the assessments seen in Units 3 and 4.

Unit 3
Problem Solving and Modelling Task
Common Internal Assessment
Unit 4
Problem Solving and Modelling Task
Examination