

# ACADEMIC PROGRAMS

## Semester I

Year 10

Specialised Mathematics

# FAIRHOLME MATHEMATICS DEPARTMENT

**Course:** YEAR 10 SPECIALISED MATHEMATICS

**Outline:** SEMESTER 1, 2017

## Term One

- **Number and Algebra** – Expansion, factorisation, Indices, Introduction to Logs. (Ex. 5A-E, 3 G, I, J, 10A)
- **Measurement and Geometry** – Surface Area and Volume (Ex.6D-H)
- **Statistics and Probability** – Boxplots (Ex. 9B-C)

## Term Two

- **Number and Algebra** – Algebraic Fractions, Linear Equations, Surds (Ex. 1B-D, 5C-D, 3A-E)
- **Statistics and Probability** – Conditional Probability, two and three –step probability without or without replacement, Mean and Standard Deviation (Ex. 8D-G, 9G)

## Assessment Summary:

### Term One

Week	Date	Assessment Task
4-5	13-22 February	Extended Problem Solving
8	15-17 March	Exams

### Term Two

Week	Date	Assessment Task
2-4	8 May-19 May	Extended Problem Solving
8	7-8 June	Exams

