

ACADEMIC PROGRAMS

Semester I

Year 12

Mathematics A

Disclaimer

Under QSA guidelines summative assessment depends on the fullest and latest information on a student's performance, based on a process of continuous assessment. This gives a stability to teacher judgments and shows how students progress. Thus formative assessment informs the end-of-course summative judgment.

And

Unless otherwise specified Year 11 Assessment is Formative and Year 12 Assessment is Summative.

FAIRHOLME MATHEMATICS DEPARTMENT

Course: YEAR 12 MATHEMATICS A

Outline: SEMESTER 1, 2017

Term One

- **Land Measurement** - Perimeter and Area Review, Surveying (Ex. 6A-F)
- **Financial Mathematics** – Simple and Compound Interest, Nominal and Effective Rates, Inflation, Depreciation, Future and Present Values. (Ex. 1A-F, 2A-E)
- **Statistical and Probability** – Review of Summary Statistics, Collecting Data, Outliers (Ex. 4A-D, Sheets)

Term Two

- **Statistical and Probability** – Comparing Data, Two-way tables (Ex. 4C, E, Booklet)
- **Operations Research** – Introduction to Networks, shortest path, minimum spanning tree, network flow (Ex. 8A-D)

Assessment Summary:

Term One

Week	Date	Assessment Task	Formative/Summative
9-10	22-27 March	Exams	Summative

Term Two

Week	Date	Assessment Task	Formative/Summative
3-5	2-16 May	Extended Problem Solving	Summative
7-8	31 May-7June	Exams	Summative

