

Learning Area: Mathematics

YEAR 10 INTO VCE - SUBJECT SELECTIONS



LEARNING AREA LEADER

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Next year, you will be on one of these pathways...

MOST ACCESSED PATHWAYS

- Unit 1/2 General Maths
- Unit 1/2 Maths Methods
- Unit 1/2 Maths Methods & Unit 1/2 Specialist Maths

OTHER PATHWAYS

- Unit 1/2 Foundation Maths
- Unit 1/2 Methods & Unit 3/4 General Maths (accelerated)
- Unit 1/2 Enhanced Methods
- Unit 3/4 Enhanced Methods & Unit 1/2 Specialist Maths
- No Maths subject

Common Pathways

Unit $\frac{1}{2}$ General Maths

Unit $\frac{1}{2}$ Methods

Unit $\frac{1}{2}$ Methods and Unit $\frac{1}{2}$ Specialist Maths

General Mathematics

YEAR 9 GENERAL MATHEMATICS



YEAR 10 GENERAL MATHEMATICS



UNIT 1&2 GENERAL MATHEMATICS



UNIT 3&4 GENERAL MATHEMATICS



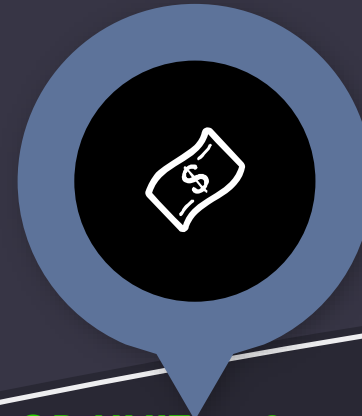
Mathematical Methods

UNIT 3&4 MATHEMATICAL METHODS

UNIT 1&2 MATHEMATICAL METHODS

YEAR 10 MATHEMATICAL METHODS

YEAR 9 EXTENSION MATHEMATICS



OR UNIT 1&2
GENERAL MATHEMATICS



OR UNIT 3&4
GENERAL MATHEMATICS

Mathematical Methods

Specialist Maths

YEAR 12 MATHEMATICAL METHODS
AND SPECIALIST MATHEMATICS

YEAR 11 MATHEMATICAL METHODS
AND SPECIALIST MATHEMATICS

YEAR 10 MATHEMATICAL METHODS

YEAR 9 EXTENSION MATHEMATICS



Brief summary topics studied in:

Foundation Maths	General Maths	Maths Methods	Specialist Maths
Number skills Financial maths Measurement Application tasks	Statistics – Univariate data and Bivariate data Networks and decision making Number Patterns Financial Maths Matrices	Linear Relations Quadratics Rational Functions and Graphs Polynomials Transformations Exponential and Logarithmic Functions Circular Functions Calculus Probability and Counting Methods	Algebra, Number System & Variation Sequences and Series Number and Proof Geometry Circular Functions Sampling and sampling distributions Transformations of the plane Polar Coordinates and Loci Vectors Kinematics and Statics of a particle Graphing techniques Complex numbers

How do I know which pathway is right for me?

If you are currently doing:

10 Foundation Maths

- You should continue on with Unit 1/2 Foundation Maths

10 General Maths

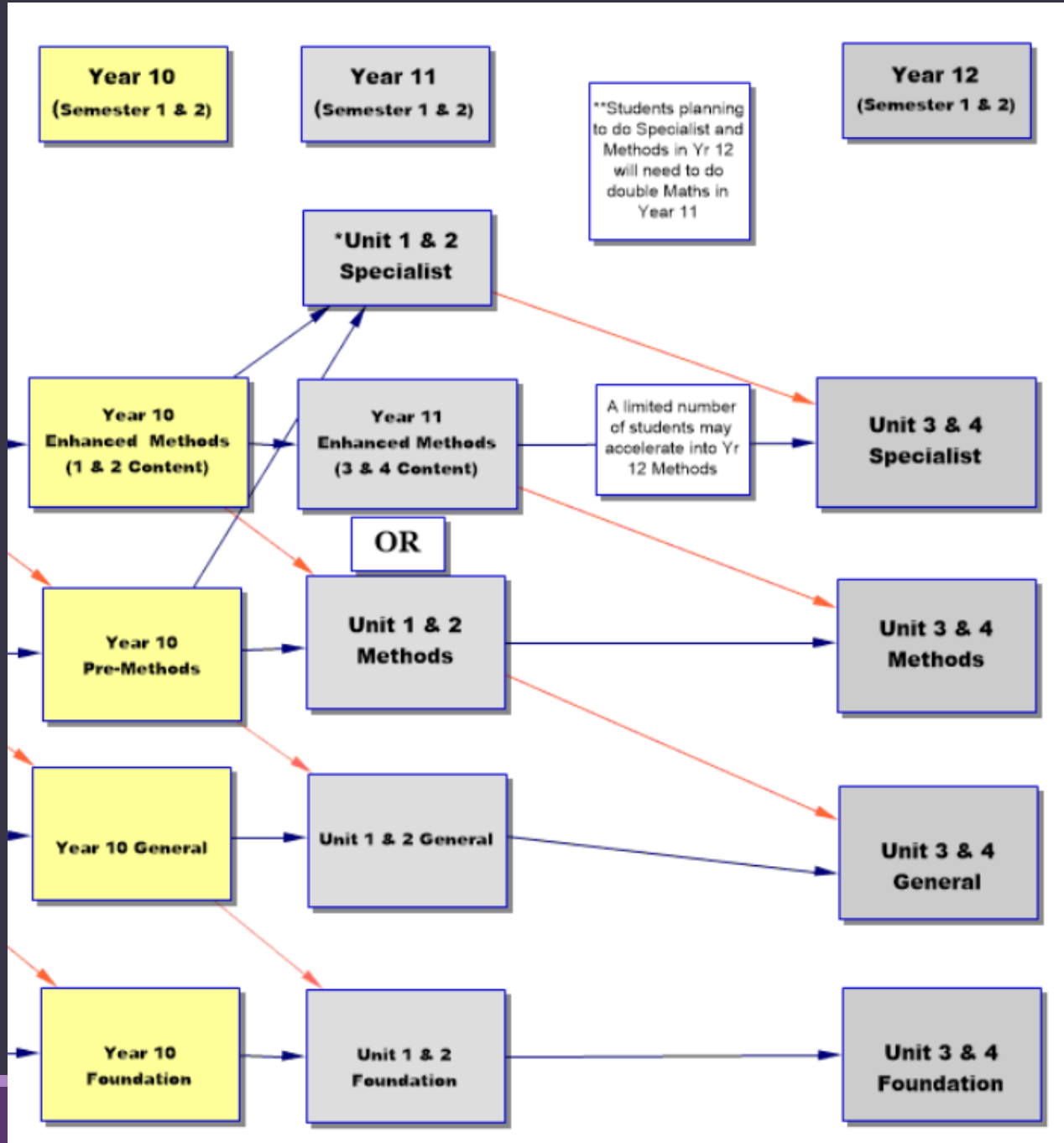
- You should continue with Unit 1/2 General Maths (unless there are extenuating circumstances)

10 Maths Methods

- If you are achieving an average grade of A or above, you should consider doing Unit 1/2 Maths Methods & either Unit 1/2 Specialist or Unit 3/4 Further (accelerated)
- If you are achieving an average grade of B or above, you should consider continuing on with Unit 1/2 Maths Methods
- If you are achieving an average of C+ or less, you should consider completing Unit 1/2 General Maths

10 Enhanced Methods

- You should continue on with (Unit 3/4) 11 Enhanced Methods



Frequently Asked Questions

I am currently doing Year 10 Methods, but I don't like/I am not good with Algebra and Equations. Should I do Maths Methods?

Answer: Learn to love Algebra, get good at it, otherwise, don't do Maths Methods. The subject is literally filled with equations and algebra.

You should also expect to be doing a lot more homework in this subject.

If I do Specialist Maths, do I need to do Maths Methods as well?

Answer: Yes.

If I do Maths Methods next year and find it too difficult, can I drop back to General Maths?

Answer: Expect to stay there for the whole year. We encourage suitable students to give it a go. If you do Maths Methods without the required ability/skills, you could end up stuck in a challenging subject for 20+ weeks.

You can choose to switch to General Maths at the end of the year, with no repercussions.

How does someone get to do Enhanced Methods?

Answer: This pathway is reserved for students that have done Enhanced Methods in Year 10. If you have any questions, please contact your teacher/s.

Can I do Unit 3/4 Further Maths in Year 11?

Answer: You will need to go through an application process, be achieving an average of B+ or above, AND be completing Unit 1/2 Maths Methods in Year 11. Contact Mr La.