



COONABARABRAN HIGH SCHOOL

HSC TRIALS STUDY GUIDE 2016

Mathematics

At this point you should be well versed in most if not all of the topics of the course.

Preliminary Topics include:

Chapter	Topic	Completed Before the Trial
1	Basic Arithmetic	✓
2	Algebra and Surds	✓
3	Equations	✓
4	Geometry 1	✓
5	Functions and Graphs	✓
6	Trigonometry	✓
7	Linear Functions	✓
8	Introduction to Calculus	✓
9	The Quadratic Function	✓
10	Locus and Parabola	✓

HSC Topics include:

Chapter	Topic	Completed Before the Trial
1	Geometry 2	✓
2	Geometrical Applications of Calculus	✓
3	Integration	✓
4	Exponential and Logarithmic Functions	✓
5	Trigonometric Functions	✓
6	Applications of Calculus	✓
7	Series	
8	Probability	✓

More information on the individual elements of each topic can be found in the registration guide – ask your teacher for a new copy if needed.

Study Options include:

Past HSC papers available from the Board of Studies web site.

The chapter reviews in your text book – the Test Yourself reviews are easier than the Challenge Exercises.

Test Yourself Exercises: (pages 25, 78, 124, 162, 214, 250, 314 and 344)

Challenge Exercises: (pages 26, 80, 125, 163, 215, 251, 316 and 346)

The Practice Assessment Tasks from your text book (pages 127, 253 and 347)

Your Exam will reflect the organisation of the HSC itself:

Total marks – 100

Section I 10 marks multiple choice. Allow about 15 minutes for this section

Section II 90 marks extended responses. Allow about 2 hours 45 minutes.

And remember:



STUDY HARD

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TEST EASY