



FIRST EDUCATION

HSC Maths Program

Mathematics Extension 1 (3 Unit) and Advanced (2 Unit)

The **First Education HSC Mathematics Extension 1 (3 Unit) and Advanced (2 Unit) Program** is intended for the purpose of guiding HSC students through their HSC Maths studies at a slightly faster rate than what they are likely to experience in the classroom. The program combines learning in small groups, interacting individually with the tutor, doing homework, and experiencing exam style conditions to allow each student to build their passion and confidence in their maths to conquer their goals!!

Structure of each weekly session (2 hours)	
30 mins	Going through homework
30 mins	Session 1 content
5 mins	Quick break / Game
30 mins	Session 2 content
25 mins	Questions on Session 1 and 2 content

Cost of Small Group Sessions

\$96 per 2 hour session.

*At First Education **why** do we do what we do?
To build the **passion** and **confidence** of our students so that they can **conquer** their goals!!*

0401 937 879

info@firsteducation.com.au

Level 1, 158 Bondi Road Bondi

Level 1, 295 Homer Street Earlowood

Level 1, 830 Anzac Parade Maroubra

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Year 10 Term 4	
Week 1	Methods in Algebra A
Week 2	Methods in Algebra B
Week 3	Revision
Week 4	Numbers and Surds A
Week 5	Fcts and Graphs A
Week 6	Fcts and Graphs B
Week 7	Fcts and Graphs C
Week 8	Revision
Week 9	Trans and Symmetry A
Week 10	Trans and Symmetry A

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Year 11 Term 1	
Week 1	Revision
Week 2	Further Graphs A
Week 3	Further Graphs B
Week 4	Revision
Week 5	Trigonometry A
Week 6	Trigonometry B
Week 7	Trigonometry C
Week 8	Revision
Week 9	Coordinate Plane A
Week 10	Expos and Logs A
Hol 1	Expos and Logs B
Hol 2	Revision

Year 11 Term 2	
Week 1	Calculus A
Week 2	Calculus B
Week 3	Calculus C
Week 4	Revision
Week 5	Polynomials A
Week 6	Polynomials B
Week 7	e and Radians A
Week 8	e and Radians B
Week 9	Revision
Week 10	Probability A
Hol 1	Probability B
Hol 2	Disc Prob Dist A

Year 11 Term 3	
Week 1	Combinatorics A
Week 2	Combinatorics B
Week 3	Binomial Theorem A
Week 4	Further Rates A
Week 5	Further Trig A
Week 6	Further Trig B
Week 7	Further Trig C
Week 8	Revision
Week 9	Seq and Series A
Week 10	Seq and Series B
Hol 1	Revision
Hol 2	Math Induction A

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Year 11 Term 4	
Week 1	Graphs and Eqns A
Week 2	Graphs and Eqns B
Week 3	Curve Derivative A
Week 4	Curve Derivative B
Week 5	Curve Derivative C
Week 6	Integration A
Week 7	Integration B
Week 8	Integration C
Week 9	Calc Expos Logs A
Week 10	Calc Expos Logs B

Year 12 Term 1	
Week 1	Calc Trig A
Week 2	Calc Trig B
Week 3	Revision
Week 4	Vectors A
Week 5	Vectors B
Week 6	Vectors C
Week 7	Revision
Week 8	Projectile A
Week 9	Projectile B
Week 10	Further Calc A
Hols 1	Further Calc B
Hols 2	Revision

Year 12 Term 2	
Week 1	Diff Eqns A
Week 2	Diff Eqns B
Week 3	Revision
Week 4	Finance A
Week 5	Finance B
Week 6	Displ Int Data A
Week 7	Revision
Week 8	Continuous Prob A
Week 9	Binomial Dist A
Week 10	Revision

Year 12 Term 3 and lead up to HSC - Practice exam papers to prepare for Trial and HSC exams.

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