



Accelerated Elite Maths Course

Get onboard with 2 years of accelerated elite maths course to get ahead of the game.

Start early, master early.

The program is designed to enable elite students* to master advanced mathematics curriculum within a concise two-year timeframe.

Key Topics to be Addressed Below.

Week	Topics
1	Number Theory: Methods of HCL and LCM, Prime numbers, Prime Factors/Trees, Addition/Subtraction/Multiplication
2	Fractions, Decimals and Percentages: Improper/Mixed fractions, Addition/Subtraction/Multiplication of fractions, Addition/Subtraction/Multiplication of decimals
3	Number Patterns and Time: Number patterns, Geometric patterns, Writing and finding formulae, Time conversions, The calendar, Leap years, Timelines, Timetables, Time zones
4	Pythagoras Theorem: Applying the formula, Evaluating squares, Naming sides, Pythagorean Triads, Finding areas in figures with triangles,
5	Length and Further Measurement: Unit/Data/Capacity conversion, Absolute/Relative/Percentage error, Area of common shapes
6	Introduction to Algebra: Algebraic expressions, Expanding/Factorizing, Collecting/Simplifying like terms
7	Equations: Solving equations involving 2 steps, Problem solving using linear equations/algebra, Mixed word problems, Using inverse operations
8	Inequalities: Inequality signs, Graphing inequalities on a number line, Solving inequations with restrictions, Problem solving with inequalities
9	Further Fractions and Algebra: Further algebra, AMC and Exam style questions
10	Content Review
11	Revision Test

PRE-UNI NEW COLLEGE

Level 1, 8 - 14 Lyons Street Strathfield NSW 2135/ Tel 9746 1400

Website: www.newcollege.com.au



2025 Term 1 Year 7 Accelerated Elite Maths Course – Class Schedule*

(11 Weeks, 2 hours, Commences 25th Jan)

Session	Weeks (Lessons)	Material Fee	Course Fee Total	Early Bird Special Offer (until 23 rd Dec)
Thursday 4:00pm-6:00pm	11	\$30	\$800	\$730
Saturday MC 8:30am-10:30am	11	\$30	\$800	\$730
Saturday AC 01:50pm-03:50pm	11	\$30	\$800	\$730
EAS Package SAT (Elite Maths, English, Science)	11 for EMaths, 12 for English, 12 for Science	\$90	\$1917	\$1765
EA Package SAT (Elite Maths, English)	11 for EMaths, 12 for English	\$60	\$1320	\$1215
EAS Package THU (Elite Maths, English, Science)	11 for EMaths, 11 for English, 12 for Science	\$90	\$1866	\$1718
EA Package THU (Elite Maths, English)	11 for EMaths, 11 for English	\$60	\$1170	\$1059

- **Early Bird Discount Offer:** Prices are valid for FULL term advance payments by **23rd December 2024**.
- **Sibling Discount or Scholarship Discount:** Applicable only to the full-term fees of normal term standard courses and only if paid by **23rd December 2024**.
- **Package Offer:** Prices are valid for FULL term advance payments by **25th January 2025**.
- **Additional 1.03% surcharge** will apply to all credit card payments. Only VISA and MasterCard are accepted.
- **Online payment option is available on Cyberschool for all fees except sibling discounts.**