



Accelerated Elite Maths Course

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

The Elite course is back. 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 | Year 7/8 Content Review |
| 2 | Geometry: Proving and applying similar triangles, Investigating properties of quadrilateral/polygons/triangles, Parallel lines and angles |
| 3 | Indices and Surds: Index notation, Index laws, Scientific notations using significant figures, Rational and irrational numbers, Expanding/Simplifying binomial products |
| 4 | Linear Relationships: Gradient and direct variation, Points/lines of a Cartesian plane, Solving/Identifying equation of a line, Applications of linear relationships |
| 5 | Simultaneous Equations: Solving equations utilizing substitution/elimination method, Further application of simultaneous equations |
| 6 | Equations and Inequalities I: Problem solving inequalities, Graphing inequalities on a number line |
| 7 | Equations and Inequalities II: Making "x" the subject, Solving equations utilizing substitution method, Solving equations with pronumerals on both sides |
| 8 | Harder Inequalities: Linear inequalities, Graphing inequalities on the number plane, Introducing unions and intersections, Problem solving inequalities with graphs |
| 9 | Geometry, Indices and Surds Review |
| 10 | Linear Relationships and Simultaneous Equations Review |
| 11 | Equations and Inequalities Review |

PRE-UNI NEW COLLEGE

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2025 Term 1 Year 8 Accelerated Elite Maths Course – Class Schedule*

(11 Weeks, 2 hours, Commences 25th Jan 2025)

| Session | Weeks (Lessons) | Material Fee | Course Fee Total | Early Bird Special Offer (until 23 rd Dec) |
|--|--|--------------|------------------|---|
| Thursday 6:10pm-8:10pm | 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 E Maths, 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.**