

VCE Math HOLIDAY INTENSIVE LEARNING PROGRAM
VCE数学假期强化班

Our intensive learning programs are taught by experienced VCE specialists who are trained to address each subject's key learning criteria.

For Y11 students, we will start by establishing the concepts of VCE Math subjects, developing an understanding of mathematical patterns, and delving into various methods of mathematical proof.

For Y12 students, the aim of the program is to give students concrete revision of the topics learned in Unit 3 and pre-study the topics in Unit 4. By completing the program, students will have a deeper understanding of crucial contents of Unit 3 and be confident with VCAA exam style questions, understanding VCE marking rubric and optimizing their responses. Meanwhile, the prior introduction of Unit 4 will cover key knowledge in Probability which will allow students more opportunities to achieve the best results in the VCE Exam.

我们的假期强化班由专业的VCE老师主讲，目的是在8节课时间帮助11年级学生从建立VCE数学科目的概念开始，发展对数学模式的理解，并深入探讨各种数学证明方法。同时帮助12年级学生查缺补漏，掌握和巩固Unit3重要考点和难点，并开始教授Unit 4的关键知识点。

通过一月假期班的学习，学生能够在即将来临的Term 1学习中取得先机，赢得高分机会。

我们的老师拥有大量独家珍贵的资源，帮助学生更加清晰的了解VCE评分的标准，来完善他们的答题技巧。

The intensive learning program will improve your VCE performance with:

- ❑ Access to our exclusive study notes;
- ❑ Flexible teaching schedules based on feedback;
- ❑ Advance exam techniques with hundreds of questions;
- ❑ Assistance on examination tricks, common student pitfalls and errors;
- ❑ Open, "ask question" teaching environment;
- ❑ Efficient time-management.
- ❑ CAS practice and enhancement

我们的强化教程将通过以下几个方面来帮助学生:

- ❑ 提供独家教材和笔记;
- ❑ 灵活的授课方式，根据学校的进度和选修内容;
- ❑ 高级考试技巧，大量真题模拟;
- ❑ 常见错误分析;
- ❑ 开放互动性，大量机会提问题;
- ❑ 有效的时间管理.
- ❑ CAS计算器使用技巧

Scholarship, Selective School
and VCE Coaching Specialist



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VCE Center

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2024 January Holiday Program Timetable (15th Jan – 25th Jan) Qs Box Hill Campus

<p>Math Methods Unit 1&2 Class Time: 1:30pm – 4:30pm (3 Hours)</p> <p>We will start by establishing the concepts of functions, understanding how transformations affect graphs, mastering methods for sketching graphs, and introducing the use of calculus techniques for graph analysis.</p> <p><u>Specific topics covered will include:</u></p> <ul style="list-style-type: none">⇒ Functions and relations⇒ Transformations⇒ Polynomials⇒ Calculus	<p>Specialist Maths Unit 1&2 Class Time: 9:30am – 12:30pm (3 Hours)</p> <p>We will begin by developing an understanding of mathematical patterns, exploring sequences and series, and delving into various methods of mathematical proof. Additionally, we will introduce the concept of imaginary numbers, which are essential for representing aspects of the natural world, and delve into the use of vectors for describing the real world.</p> <p><u>Specific topics covered will include:</u></p> <ul style="list-style-type: none">⇒ Sequences and series⇒ Proof⇒ Complex numbers⇒ Vectors
<p>Math Methods Unit 3&4 Class Time: 1:30pm – 4:30pm (3 Hours)</p> <p>Use the holiday to cover a significant portion of Unit 3/4, address key challenging topics, develop students' CAS skills, enhance their understanding of VCE MM (Mathematical Methods) exam formats, and aim to have them start working independently on VCE past exam papers when school resumes.</p> <p><u>Specific topics covered will include:</u></p> <ul style="list-style-type: none">⇒ Functions and graphs⇒ Differentiation and its applications⇒ Integration and its applications⇒ Probability and statistics	<p>Specialist Maths Unit 3&4 Class Time: 9:30am – 12:30pm (3 Hours)</p> <p>Utilize the end-of-year break to prepare thoroughly for next year's SM course. Take this time to address some of the techniques that require sharpening and work through the new mathematical study design concepts introduced this year.</p> <p><u>Specific topics covered will include:</u></p> <ul style="list-style-type: none">⇒ Circular functions⇒ Vectors and equations of lines and planes⇒ Differentiation⇒ Integration

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Tuition (8 Sessions): \$880 & Material Fee: \$60

*Get Early Bird Rates:
Pay before 7th Dec 2023, get 5% discount on Tuition*