



Advanced Mathematics
Support Programme®



Setting Out In Problem Solving

8th February 2021

Overview

This course is aimed primarily at Year 12 students who are interested in beginning to develop their problem solving skills or who are wanting to find out more about university entry examinations.

Aims

- To provide students with an introduction to problem solving
- To give students the opportunity to attempt problems on their own
- To give students the opportunity to think about how solutions to problems are presented
- To provide information about the problem solving skills required in university admissions tests

Who will benefit from attending?

The classes are suitable for any A level Mathematics student with an enquiring mind who wishes to begin to develop their problem solving ability at A level and beyond. They are particularly suitable for those Year 12 students and those who are interested in finding out about admissions test as part of a university offer.

Content

This course will consist of a 2 hour session during which you will be introduced to how to think about problem solving, techniques for tackling problems and writing up your solutions to problems solving activities. You will also have opportunities to get hands on with some problems solving activities and will be given information about university entry examinations and further problem solving support available.

This course is ideal for **all** Year 12 Maths and Further Maths students looking to develop their problem solving skills and to find out more about university admissions tests. We would also welcome Year 13 students wanting to develop their problem solving skills or teachers wanting an introduction to problem solving and the admissions testing process.

The course is a one off 2 hour session repeated on various nights. Teachers may wish to sign up to multiple events to support student attendance around other commitments.

Materials and Equipment

These classes are being held online. You will need access to a computer with internet connection. You will not need to use a webcam or a microphone to engage with these classes, but you should have some paper, a pencil, and a quiet area to work in.

Eligibility

This course is open to applications from schools and colleges in England Registered with the AMSP for the academic year 2021-22. We only require one Teacher application from each school/college on behalf of all students and teachers that plan to attend. Due to the nature of the access to the course, students should not complete the application form, please discuss this with your teacher.

If you are not sure if your school or college is Registered with the AMSP, please continue to submit an application for this course and we will automatically check this for you. If you know your school or college does not hold a 2021-22 registration, please follow this link to register: <https://amsp.org.uk/register>

Key Facts

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| Event ref: | #8116 |
| Audience: | Students, Teachers |
| Target year: | Year 12 & 13 |
| Curriculum focus: | University admissions tests |
| Mathematical focus: | Problem solving |
| Event format: | Student course |
| Event length: | 2 hours |
| Region: | National |
| Date: | Mon 8th Feb 2021 |
| Course times: | 17:00 - 19:00 |

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/8116>