



Advanced Mathematics
Support Programme®



Problem Solving Club

Online

24th January 2022

Overview

A series of maths problem solving classes designed to develop students' problem solving skills.

These classes offer students the opportunity to develop their problem solving skills by trying out problems that require mathematical thinking. The problems are fun and rewarding and attending the sessions will enrich a student's mathematical experience.

Teachers are required to attend with their students to supervise them during the sessions.

Please do not share the link to this event with your students.

Aims

- To develop confidence in dealing with maths problems
- To develop students' resilience when attempting maths problems
- To give students the opportunity to attempt problems both in groups and on their own
- To give students the opportunity to think about how solutions to problems are presented

Who will benefit from attending?

The classes are suitable for Year 13 A level Mathematics students who need support in developing their problem solving skills at A level.

The classes are not intended for further mathematics students who should consider the higher level problem solving classes (please contact your local Area Coordinator for more information about those classes).

Content

Students attending the classes will encounter problems covering a variety of topics.

The focus will be on problem solving skills rather than specific content.

Materials and Equipment

While the classes are being held online in BBB classroom, you will need access to suitable equipment so that both video and audio aspects of the sessions are accessible to you and your students.

It is advised that the content of the sessions is displayed via an interactive whiteboard or a similar classroom technology so that students can see and hear what is presented clearly.

To enable you or your students to ask questions during the sessions, there is a chat facility which you can type into or you may use a microphone via headset, headphones or built-in microphone.

BBB is designed to be used on a variety of platforms but you will get the best experience via a desktop or laptop computer, running either Google Chrome or Mozilla Firefox as the browser. Note: Internet Explorer and Edge are not suitable currently.

Other Information

This sessions will be of interest to Year 13 sixth form students and their teachers who are looking to explore mathematical problem solving more deeply.

Your school will be sent a link to the event for which you register.

Teachers are required to attend with their students to supervise them during the sessions and to pass any questions students may have to presenters. It is hoped that your students can be supported by mathematics teachers during the sessions.

There will be the opportunity for your students to interact with the session under your supervision.

Eligibility

All state schools are encouraged to attend.

Study Schedule

Monday 24th January 2022
Monday 31st January 2022
Monday 7th February 2022
Monday 28th February 2022
Monday 7th March 2022
Monday 14th March 2022

Key Facts

Event ref:	#9303
Audience:	Students, Teachers
Target year:	Year 13
Curriculum focus:	A level Mathematics
Mathematical focus:	Problem solving
Event format:	Student course
Event length:	1 hour
Region:	East of England
Venue:	Online
Next session:	Mon 7th Mar 2022
Course times:	15:30 - 16:30
Fee:	FREE

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/9303>