



Advanced Mathematics
Support Programme®



Year 10 Maths Feast

Keele

23rd March 2022

Overview

Maths Feast is a fun educational challenge for Year 10 students which tests problem-solving and teamwork skills. Teams of four students will test their maths skills with our all-you-can-eat feast of problems!

There are several rounds requiring different skills and strategies for success. Each event takes between two and three hours, and awards will be given for good teamwork and for the winning team of each round.

Aims

- Improve problem-solving skills using recreational maths
- Improve teamwork and communication skills

Who will benefit from attending?

Maths Feast is open to all Year 10 students who want to improve their mathematical and teamwork skills.

Content

What's on the menu? Well, that would be telling...

We change the format and content of Maths Feast every year to keep the challenge exciting. However, we promise that content will be familiar or accessible to most Year 10s and could include both recreational and more traditional maths problems.

Practice resources and materials from previous Maths Feasts are available [here](#).

Materials and Equipment

Calculators and equipment such as rulers and protractors are not permitted - this competition is based on your brain power alone!

Other Information

There are no heats or finals, so participants can take materials back to their schools and use them to enrich learning in the classroom.

Due to COVID-19, the AMSP is delivering events differently. Many professional development and student support events that are usually face-to-face have been adapted to be delivered online. We are currently planning to run these face-to-face Maths Feast events in the spring term. However, we are monitoring the situation and if guidelines change, the event may need to be cancelled. Please do apply for the Maths Feast, we will give you as much notice as possible in the event of a cancellation and let you know of any online alternatives that are arranged.

If your school is unable to attend a face-to-face or live online Maths Feast this year, please check out our [DIY Maths Feast](#)

Frequently Asked Questions

Can we bring a Year 9 or Year 11 student?

This event is for Year 10 students. If this causes an issue, please contact mathsfeast@amsp.org.uk.

How many teams can we bring?

You can apply to bring two teams per school; each team MUST be accompanied by a responsible adult who will mark for another team. For second teams, this adult may be a sixth former.

How long does the event last?

2-3 hours.

What kind of refreshments/lunch will be provided?

Light refreshment will be provided in a break. Lunch is not provided.

When will I receive further information?

Approximately 2 weeks beforehand, your organiser will send you details of travel and local arrangements.

Will I be able to bring an extra colleague?

It depends on the venue; if they only have space for the teams and their supervisors, your colleague may need to wait elsewhere.

One of my students has a disability and will require additional assistance.

Please add this info on the application form and confirm any local arrangements with your organiser when they contact you about 2 weeks beforehand.

How will I know the answers?

We will provide a mark scheme.

Can I bring extra students?

The team consists of 4 students, please bring exactly 4 students per team.

How does the Priority Area subsidy work?

Schools in [AMSP Priority Areas](#) are eligible to receive a travel bursary of £50, this is subject to the schools attendance at the event. Further details will be supplied to eligible schools upon application.

My school cannot attend a Maths Feast event this year, what can I do?

If your school is unable to attend a face-to-face or live online Maths Feast this year, please check out our [DIY Maths Feast](#)

Eligibility

Year 10 students only, organised into groups of four. Each team must be accompanied by a teacher or teaching assistant. Schools entering multiple teams must bring one responsible adult per team; however, in the case of the additional teams, this could be sixth former.

Due to our funding arrangements with the DfE, priority will be given to applications from state-funded schools in England. Applications will open to Independent schools in January 2022.

Please note: the Priority Area subsidy only applies if the event is held as a face to face event and not online.

Key Facts

Event ref:	#9311
Audience:	Students
Target year:	Year 10
Curriculum focus:	11-16 maths
Mathematical focus:	Problem solving
Event format:	Enrichment
Event length:	3 hours
Region:	West Midlands
Venue:	Home Farm, Keele Sustainability Hub, Keele University, Keele, Staffordshire, ST5 5BG
Date:	Wed 23rd Mar 2022
Course times:	09:30 - 12:30
Fee:	Free
Priority Area subsidy:	£50

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/9311>