



Advanced Mathematics
Support Programme®



Year 10 Maths Feast

Loughborough

10th February 2020

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.

Student reviews for previous servings of Maths Feast:

"The best round was the relay, I enjoyed the pace and structure of it!"

"Four in a row was fun and fast paced. Had to work together and rely on teammates."

"All the rounds were enjoyable and challenging."

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.

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.

Key Facts

Event ref:	#6606
Audience:	Students
Target year:	Year 10
Curriculum focus:	11-16 maths
Mathematical focus:	Problem solving
Event format:	Enrichment
Event length:	3 hours
Region:	East Midlands
Venue:	Loughborough University, Epinel Way, Loughborough, LE11 3TU
Date:	Mon 10th Feb 2020
Course times:	10:00 - 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/6606>