



Advanced Mathematics  
Support Programme®



## Why Further Maths? Y10 enrichment (Oxfordshire)

**Oxford**

1st July 2019

### Overview

A day of stimulating mathematical activities for Year 10 students

### Who will benefit from attending?

This day is aimed at students in year 10 who are interested in mathematics and may consider studying both Mathematics and Further Mathematics at A level. There will be opportunities to do some mathematics as well as to find out about mathematics and its applications at university and beyond. Please consider how you could ensure that *at least* half of the students attending are girls.

### Content

**It's a Complex World – imaginary numbers and fractals**

Alexandra Hewitt, FMSP Area Coordinator

**Join the Dots – Graph Theory and Gritting**

Jeff Trim, FMSP Central Coordinator

**Guest Speaker**

Dr James Munro

**Dragon Quiz**

Requiring athleticism of brain and body!

### Materials and Equipment

Students should bring writing materials and **must wear trainers**.

### Other Information

Light refreshments will be provided during the morning and afternoon breaks, but students and staff should bring their own lunch.

## Eligibility

This event is for **Oxfordshire schools only**. Please contact your local Area Coordinator for events in your area. The event is initially limited to 15 students per school, although additional places may become available after 24th May. Independent schools may apply to join a waiting list and will be notified if they have places no later than 7th June.

## Cost

The day is **free**, but schools are required to pay a deposit of £100, which is returnable if the school attends the event. After completing the booking form, please send a deposit by cheque payable to 'The Mathematical Institute, Oxford University' to

Nia Roderick  
Mathematical Institute  
University of Oxford  
Radcliffe Observatory Quarter  
Woodstock Road  
Oxford  
OX2 6GG.

**Please write your school name and 'Oxon Why FM' on the reverse of the cheque**

Deadline for payment of deposit: within 3 weeks of booking, or **Monday 10th June 2019**, whichever is earlier.

## Key Facts

|                            |                                                                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Event ref:</b>          | #5474                                                                                                                                                           |
| <b>Audience:</b>           | Students                                                                                                                                                        |
| <b>Target year:</b>        | Year 10                                                                                                                                                         |
| <b>Curriculum focus:</b>   | A level Further Mathematics, A level Mathematics                                                                                                                |
| <b>Mathematical focus:</b> | Mechanics, Statistics, Pure, Discrete                                                                                                                           |
| <b>Event format:</b>       | Enrichment                                                                                                                                                      |
| <b>Event length:</b>       | 1 day                                                                                                                                                           |
| <b>Region:</b>             | South                                                                                                                                                           |
| <b>Venue:</b>              | Mathematical Institute, University of Oxford,<br>Andrew Wiles Building, Radcliffe Observatory Quarter,<br>Woodstock Road,<br>Oxford,<br>Oxfordshire,<br>OX2 6GG |
| <b>Date:</b>               | Mon 1st Jul 2019                                                                                                                                                |
| <b>Course times:</b>       | 10:00 - 15:30                                                                                                                                                   |
| <b>Fee:</b>                | 100 returnable deposit                                                                                                                                          |

## Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/5474>