

The Further Mathematics Support Programme

Why Further Maths?

The Open University, Michael Young Building, Walton Hall, Milton Keynes, MK7 6AA

Friday 13th July 2018, 9.30am – 3.00pm

A day of stimulating mathematical activities for Year 10 students



Encryption – the Mathematics behind internet security

Carol Jones, FMSP Associate

It's a Complex World – imaginary numbers and fractals

Alexandra Hewitt, FMSP Area Coordinator

Hawkes and Doves: Adventures in Evolution

Phil Chaffé, FMSP Central Coordinator

Dragon Quiz

Requiring athleticism of brain and body!

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.

The day is free, but schools are required to pay a deposit of £100, which is returnable if the school attends the event. The event is initially limited to 15 students per school, although additional places may become available after the deadline.

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

NB students should wear trainers

To book places for your class, complete the Google form here: <https://goo.gl/forms/1dsggcGL4mcROm5j1> and send deposit by cheque payable to 'The Mathematical Institute, Oxford University' to Helen Lowe, Mathematical Institute, University of Oxford, Radcliffe Observatory Quarter, Woodstock Road, Oxford, OX2 6GG

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

If you have any queries, please contact Alexandra Hewitt (alexandrahewitt@furthermaths.org.uk).

Deadline for payment of deposit: **within 3 weeks of application**, and no later than **Monday 11th June 2018**