

The Further Mathematics Support Programme

A level Active! – The Next Generation

**Approaches and resources for engaging all students in
A level mathematics learning**

**Lord Williams's UPPER School, Oxford Road, Thame, OX9 2AQ
Friday 9th March 2018 09.30 – 15.30**



The course will cover:

- A detailed examination of at least one of the more challenging topics from pure mathematics
- A **modelling** activity and other activities from pure, statistics and mechanics
- General strategies and teaching approaches

This interactive hands-on day is designed to share techniques, resources and approaches for engaging all students in A level mathematics learning. Delegates are asked to suggest topics for inclusion.

Fully revised for the NEW A level specifications

Course Leaders:

Alexandra Hewitt, FMSP Area Coordinator
Jeff Trim, FMSP Central Coordinator

Course fees and application:

The course costs £50 if your school is registered with the FMSP*, including refreshments, lunch and resources. Teachers who are on current PGCE or GTTP placements may attend free of charge if accompanied by a fee-paying colleague. To book places please complete the Google Form at:

<https://goo.gl/forms/8SxOD3WUCQtIVVRY2>

Further information

Details of how to pay online will be provided on completion of the Google booking form.

Final closing date for booking **Friday 9th February 2018**

For further information, contact alexandrahewitt@furthermaths.org.uk or 07962 871828

*Registration is free. To register visit: <http://www.furthermaths.org.uk/?page=register>

Provisional timetable for the day (to be confirmed):

09:00 Registration (Tea/coffee available)

09:30 **Silent Debate: What are the key issues you face in getting students to think mathematically?**

10:10 **The engagement bonus – continuous feedback: how to get it and use it**

10:50 Break for Refreshments

11.05 **Logarithms and Modelling**

12:15 Lunch

13:00 **Active Requests – short activities from pure, mechanics and statistics**

14.10 Break

14.25 **Fostering the Ethos and Flying without a Textbook**

15:30 Depart

Please note that although this 'Next Generation' day has the same ethos and structure as previous 'A level Active!' days run in Oxon, Bucks and Milton Keynes up to 2015, **all sessions have been fully revised or completely changed**. It will also have **different content sessions**, and a different Silent Debate, from the 'Next Generation' day at Sir William Ramsay School in January 2016.