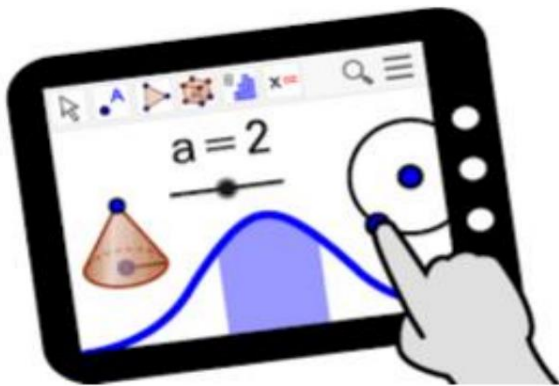


The Further Mathematics Support Programme

Discrete/Decision maths in year 13

St John the Baptist School, Elmbridge Lane, Woking, GU22 9AL

4th July, 9:30 – 4:00



Discrete or Decision maths is now an applied unit appearing only in Further Maths specifications.

It is a useful and interesting area of maths, but the new specifications go deeper than those from the legacy A level.

Teachers who have taught Decision Maths previously will find there are topics with which they are unfamiliar. This course considers these topics, and how to teach them

Suitable for teachers of the Further Mathematics DM option who have taught Discrete maths previously

Focus for the day

To enable teachers to become familiar with topics in the Further Maths Discrete/Decision option that they have not met when teaching previous specifications

Course aims:

- To provide teachers with an overview of Decision maths topics with which they are less familiar, including:
 - The Planarity algorithm,
 - Floyd's algorithm,
 - The Simplex algorithm,
 - The Travelling Salesman Problem
 - Networks with more than 4 odd nodes
 - Further Critical Path analysis
- To explore effective teaching strategies and learning activities
- To consider expected misconceptions in these and other topics
- To explore awarding bodies' SAMs and mark schemes

Venue: St John the Baptist School, Elmbridge Lane, Woking GU22 9AL

Course/event fees and application:

Fees for this course are £50 per delegate for schools/colleges registered with FMSP.

Cheques for £50 should be made payable to "Worthing College" to FMSP, Worthing College, 1 Sanditon Way, Worthing, BN14 9FD

To apply, please complete the online form at: <https://goo.gl/forms/vkPcl68RsyYITtMr2>

Further information

More details about this course/event can be found at:

www.furthermaths.org.uk/SE_CPD

For more information email:

stevecollins@furthermaths.org.uk

Provisional