

## Further Mathematics Support Programme



### STEP 1 Preparation Course 2018

This course consists of 10 lessons and is aimed at Year 13 students who are preparing for the STEP 1 exam. We will cover the Pure Mathematics syllabus only and will concentrate on the techniques which are beyond the A-level specification. They will be invaluable for examination preparation and will help students bridge the gap between school and university mathematics.

The course consists of 10 sessions and classes will take place at UCL on Tuesdays from 5pm to 7pm. This is the schedule of the course:

Date	Time	Topic
Jan 16	17:00-19:00	Algebra
Jan 23	17:00-19:00	Proof in General/by Contradiction
Jan 30	17:00-19:00	Sequences and Series
Feb 6	17:00-19:00	Proof by Induction
Half-term		
Feb 20	17:00-19:00	Geometry (Euclidean, Vector)
Feb 27	17:00-19:00	Curve Sketching
Mar 6	17:00-19:00	Differentiation
Mar 13	17:00-19:00	Integration
Mar 20	17:00-19:00	Differential Equations
Mar 27	17:00-19:00	Mostly Combinatorics

Course fees are £50.00. There are only 35 places available and priority will be given to students in state schools. For registration and further details, please contact Luciano Rila at [lucianorila@furthermaths.org.uk](mailto:lucianorila@furthermaths.org.uk)