

Year 12 Problem Solving Course 2017/18

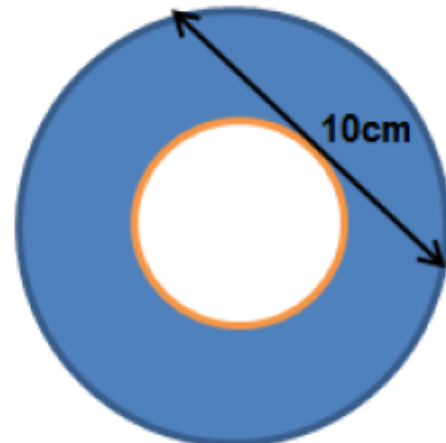
This course, run by the Further Mathematics Support Programme, aims to develop the mathematical thinking of Year 12 students and is particularly aimed at those who are likely to take STEP, AEA or MAT exams in Year 13.

No knowledge of modules other than Core 1 and Core 2 will be assumed.

There are ten sessions, all taking place from 4.30pm until 6pm on Wednesdays:

Date	Topic
1 November	Algebra 1
15 November	Geometry 1
29 November	Number 1
13 December	Number 2
17 January	Algebra 2
31 January	Number 3
21 February	Algebra 3
28 February	Geometry 2
14 March	Calculus 1
28 March	Calculus 2

The diagram shows two concentric circles. The straight line shown just touches the smaller circle. Can you work out the shaded area?



All sessions will take place at the Mile End Road campus of Queen Mary University of London.

Booking a place:

This course is free but places are limited to state funded schools and so must be booked in advance by teachers. There is a limit of 2 places per school.

Please email James Morris on jamesmorris@furthermaths.org.uk to request student places.