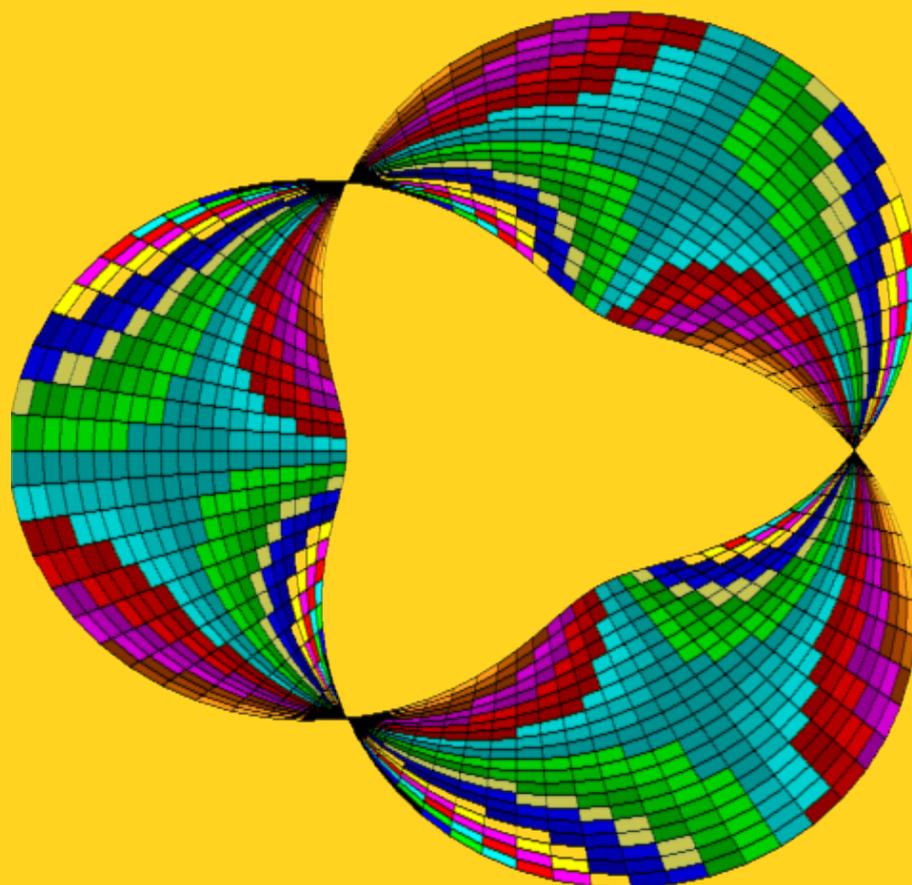


Lancaster  
University



# Problem solving within GCSE Mathematics

A one-day course for teachers organised by the  
Further Mathematics Support Programme

Course leader: Phil Chaffé



Wednesday 20 June 2018  
10:00am to 4:00pm  
Training Rooms  
Lancaster House Hotel  
next to Lancaster University

## Aims of the course

Since 2010, assessment objectives specifically designed to test problem solving skills have been included in GCSE Mathematics. This is the sixth time we've offered this popular one-day course in Lancaster. It will:

- provide teachers with strategies to address the problem solving assessment objectives at GCSE;
- encourage the use of problem solving activities in KS4 Mathematics classrooms;
- introduce and assess a range of problem solving materials designed for KS4 students; and
- provide teachers with some strategies to help students make the transition from GCSE to AS Level Mathematics.



## Course programme

Course attendees should head for the Lancaster House Hotel's Conference Centre, which is marked as *LCC* on campus maps. We'll be in the Training Rooms. Attendees may park in any visitors' car park – they'll be sent a parking permit in advance of the day.

10:00 to 10:30	<i>Registration and coffee</i>
10:30 to 11:00	Introduction and initial problem
11:00 to 11:30	What is problem solving and why is it important?
11:30 to 12:30	Twenty mathematical problems suitable for GCSE students
12:30 to 13:30	<i>Lunch</i>
13:30 to 14:30	Other sources for mathematical problems
14:30 to 14:45	<i>Afternoon tea</i>
14:45 to 16:00	Smoothing the transition to AS Level Mathematics

## About the course leader

Phil Chaffé is a Central Co-ordinator for the Further Mathematics Support Programme (FMSP). Phil has worked in a number of schools producing resources for mathematics teaching at all levels.

## Booking your place

This year, the course is FREE, including lunch and free parking at the venue. Because of this, places are limited. To reserve your place, go to the booking form at:

<https://goo.gl/forms/aNzqzXBhcVMk8coc2>

The last date for bookings is 18 June 2018. For more information contact Dr James Groves on [jamesgroves@furthermaths.org.uk](mailto:jamesgroves@furthermaths.org.uk) or 01524 592378.