

Enhancing GCSE Mathematics Teaching *for teachers in Further Education*

Our SKE+ courses focus on developing teachers' knowledge and skills so that they have:

- A deeper understanding of the subject
- The skills to identify key concepts and misconceptions associated with the topic
- The ability to design, present and evaluate pupil centred lessons
- Reflection and evaluation proficiency to successfully assess the impact of their teaching on pupils learning
- The confidence and ability to think like mathematicians or scientists

Our SKE+ courses will help teachers:

- Gain comprehensive understanding and depth of their chosen subject and the specialist pedagogy associated with the subject
- Build their confidence teaching their chosen subject to post 16 students
- Acquire the skills to become outstanding teachers
- Experience action research in practice
- Progress in their career
- Find and create inspiring ideas and activities they can use in the classroom

The course cost is funded by the Boolean Maths Hub and so is FREE to schools. For colleges that take part in the course but do not contribute a short written case study of the action research, there will be a charge of £200. Please note that colleges will need to cover their own supply costs, and a non-attendance without notification may carry an administration charge per session missed.

In order to benefit from this programme, participants should have a minimum of a Level 2 qualification in Mathematics. It will be of particular benefit to those lecturers who are currently teaching numeracy or Functional Skills at Level 2 and who expect to be teaching GCSE Mathematics within the next year.

Programme outline to be delivered during September and October 2016

Session 1 (9.00 – 17.00)	- Introduction and a focus on Statistics and Probability
Session 2 (10.00 - 16.00)	- Focus on Algebra
Session 3 (10.00 – 16.00)	- Focus on Geometry
Session 4 (9.00 – 17.00)	- Focus on Trigonometry and final reflection

There will be GAP tasks to complete between each session.
The final case study is due two weeks after the final session.

Teachers who successfully complete the course will be awarded a SKE certificate, assisting them in becoming confident and consistent outstanding teachers. It can also be used towards performance management. All the materials and case studies will form a comprehensive professional development package for colleges to download and use to enhance other practitioners' subject knowledge.

For further information, or to reserve places, please email Linda Corbidge (linda.corbidge@clf.cabot.ac.uk), the Boolean Maths Hub administrator.