

Maths TSST summer school

Week of 10th - 14th July 2017

Venue: Building 32, University of Southampton, Highfield, so17 1BJ



National College for
Teaching & Leadership



Free to state-funded schools and colleges. Funded by the National College for Teaching and Leadership.
Cost for 5 day programme £495 (independent schools)

Designed for non-specialist teachers who are teaching mathematics at KS3 or 4, those who wish to offer teaching in maths as an additional subject, and those looking to return to teaching. Are you looking to increase your knowledge, skills and confidence in teaching maths at KS3 and KS4? This funded programme will cover subject knowledge and specialist pedagogic content knowledge (PCK) to support you to improve your impact in the classroom.



Feedback from previous participants

"As a PE specialist, I am concerned about my subject knowledge. The programme so far has improved my confidence in class, especially when tackling higher tier topics."

"I am still aware that there are a lot of gaps in my subject knowledge but the course is helping to cover these and it is also giving me a lot more confidence in my own ability. It is also useful meeting with other teachers."

The summer school is delivered in 5 face to face days with the following sessions:

- Mon 10 July **Number** led by Peter Ransom
- Tue 11 July **Algebra** led by Chrissy Foulds
- Wed 12 July **Shape, space and geometry** led by Chrissy Foulds
- Thu 13 July **Probability and statistics** led by Peter Ransom
- Fri 14 July **Problem solving and reasoning** led by Chrissy Foulds

Why choose our subject specialism course?

We have been running subject specialism programmes for over five years. We focus on subject knowledge, evidence-based pedagogies and effective learning through contextualised problem-solving. There will be opportunities to practice techniques in the classroom and to network and learn from other practising teachers. Our Tutors have significant experience in the classroom, in delivery of professional development and work with a range of programmes. The course is supported by the Solent Maths Hub.

Application

Please email the Centre at mslc@soton.ac.uk with 'Booking for Maths Summer School Southampton' as your title.

We will contact you with further details on receipt of your application. To receive details of similar provision from the Mathematics and Science Learning Centre, visit www.isurvey.soton.ac.uk/16464 and leave your details.

Tutors

Peter Ransom is the Chair of Council (and a Past President) of The Mathematical Association and a semi-retired freelancer. He has worked with Bath Spa University's School of Education from 2010 to 2015 and works with a variety of mathematics teachers as part of The Prince's Teaching Institute. Peter is on the Education Committee of the LMS, a Fellow of the IMA and also belongs to the ATM and BSHM. He was involved with the Bowland Maths initiative as project leader for the sundials case study. Peter spent over 30 years teaching secondary mathematics in state comprehensives. He has enjoyed mathematics all his life and tries to pass on that enjoyment to all he meets.

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Chrissy Foulds has 14 years' experience as a classroom practitioner of teaching Mathematics at secondary schools in both Southampton and Hampshire. She completed a PGCE in 2002 and MA(Ed) in 2015 at University of Southampton. Having mentored and coached many PGCE mathematics trainees Chrissy is now Lead Mentor across the School having responsibility for mentoring and coaching both SCITT and PGCE trainees.

Consortium

TSST is led by Ringwood School/Bransgore C.E Primary School (SPELL - Southern Partnership for Excellence in Leadership and Learning), TSA in partnership with The Portsmouth TSA, Queen Elizabeth's School, Wimborne (Wimborne TSA, Wimborne Academy Trust and Science Learning Partnership Hub School), Arnewood School (Achieving Collaborative Excellence TSA), Mathematics and Science Learning Centre (MSLC), Southampton Education School. Partners include the Stimulating Physics Network (Institute of Physics), The Solent and Jurassic Maths Hubs, Science Learning Networks.