

Fresh approaches to problem solving

Monday 8 April, 2019

St James the Less, 4 Moreton Street, Pimlico, London SW1V 2PS

Limited early bird places available for £145



Sessions led by leading academics

Charlie Gilderdale, NRICH Secondary Coordinator

Colin Foster, Reader in Mathematics Education

Gain confidence introducing problems and guiding students to find solutions, designed to meet the new GCSE specifications

- Learn new teaching strategies to help develop students' problem solving skills and enhance their passion for mathematics
- Challenge students to overcome their initial resistance to solving open ended tasks
- Explore specific aspects of learning and teaching, and learn how key skills can be used to stretch students and ultimately improve outcomes
- Gain access to new activities that will help students identify patterns in numbers

Prices (subject to VAT at 20%)

*Limited early bird places available for **£145***

£195 (PTI Members)

£295 (non-members)

£145 (places from the same department)

For more information, contact:

E: events@ptieducation.org

T: 020 3174 1235

This day is for you if:

- You teach Mathematics at KS3 or KS4
- You would like to explore fresh approaches to help enhance students' problem solving abilities
- You want to embed deeper learning by stretching and challenging students of all abilities
- You would like to network with like-minded teachers to develop new resources and share best practice

Book now at www.ptieducation.org/events

Speakers

Putting you in touch with up to date subject knowledge



Charlie Gilderdale is the NRICH Secondary Coordinator, contributing to their website and working in schools with students and teachers. His recent work has focussed on problem solving and reasoning and on encouraging students to think mathematically. Charlie is responsible for developing secondary-level classroom content that offers opportunities for learning mathematics through exploration and discussion.

Colin Foster is a Reader in Mathematics Education in the Mathematics Education Centre at Loughborough University. His research interests focus on the learning and teaching of mathematics in ways that support students' conceptual understanding. He is particularly interested in the design of classroom tasks that enable students to develop the necessary fluency in mathematical processes that will support them solving mathematical problems.



Workshops

All of our days are developed and led by practising teachers

This day will be led by **Dave Hewitt**, Head of Maths at Wade Deacon High School, Cheshire.

Workshop 1: Planning for problems

Workshop 2: Let's get solving

Online course coming up... Using basics for deeper challenges

Free for PTI Members and £20+VAT for non-members
From 4:30pm Wednesday 20 and 27 March, 2019

Connect with teachers across the country to discuss and exchange ideas on this topic under the guidance of our passionate, experienced teacher leaders.

Book now via www.ptieducation.org/events

"The speakers were very encouraging of different approaches, modelling the kind of approach we would use in the classroom."

- 2018 Maths CPD participant



About The PTI

We know that for every student in every school, every teacher matters.

The PTI is a charity run by teachers, for teachers. We re-engage teachers with their specialist subjects, inspiring them to bring enthusiasm into class and raise the aspirations of their students.

www.ptieducation.org