

The Further Mathematics Support Programme

NRICH Teaching Problem Solving at KS3 and KS4

Wednesday 11th July 2018 9.30am - 1pm

**NRICH Proof, Logic and Reasoning – bridging the gap
between KS4 and KS5**

Wednesday 11th July 2018 2 - 4.30pm

The FMSP and the University of Wolverhampton have pleasure in welcoming Alison Kibble, NRICH Secondary Teacher Associate, to present these two CPD courses.

The two courses offer teachers flexibility about which is most appropriate for their needs. Both courses are suitable for teachers not familiar with the NRICH resources, or are new to teaching or simply want to investigate a fresh approach to their teaching.

Chancellor's Hall
University of Wolverhampton
Wednesday 11th July 2018

9:30am – 1pm
2 – 4.30pm



“NRICH aims to offer free resources for teachers who are committed to nurturing curious, confident, resourceful and enthusiastic learners of mathematics.”

Teaching Problem Solving at KS3 and 4

In this workshop, Alison will share strategies to help overcome students' reluctance to engage with unfamiliar contexts, and suggest ideas to develop resilience in the maths classroom. Teachers will have the chance to work on a variety of problems on the NRICH site and explore ways to embed these tasks into their schemes of work.

Proof, Logic and Reasoning – bridging the gap between KS4 and 5

In this workshop, Alison will share lots of practical ideas for developing students' reasoning skills at A Level. Teachers will have plenty of opportunities to try out tasks for teaching proof and logical thinking, and explore ways of encouraging students to reason critically.

Timetable for the day

09.30 Arrival and Registration

10.00 Teaching problem solving at KS3 and 4 with a 20 minute break for coffee

13.00 Lunch

14.00 Proof, Logic and Reasoning – bridging the gap between KS4 and 5 with a 20 minute break for coffee

16.30 Close

Alison Kiddle

After studying maths at Cambridge University, Alison taught for five years in the East of England, trying (and occasionally succeeding) to convince young people that maths can be useful, beautiful and a great deal of fun.

Alison joined the NRICH team in January 2009 and focusses mainly on developing Stage 4 material, as well as working closely with other members of the secondary team to create strong links between Stage 3/4 and Stage 4/5. Alison is particularly interested in finding ways to help students become better problem solvers.

Course fees and application:

There are no fees for these courses. However if a delegate fails to attend or cancels their booking with 5 working days of the event a charge of £50 will be made to the relevant school.

To book for either or both courses please go to <https://goo.gl/forms/c1s2ktqC1BarzYzj1>.

Further information

Details about this course can also be found on the FMSP website at:

http://furthermaths.org.uk/WM_CPD

For more information email: liz.price@wlv.ac.uk