



Next Meeting:

**Wednesday
5th July 2017**

2:00pm – 5:00pm
University of
Wolverhampton
Walsall Campus
WS1 3BD
Room WN205

**For more information
contact:**

Liz Price

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To confirm attendance please
complete this form:

<https://goo.gl/forms/K1AgbCSUrLEXnDMj1>

**A buffet lunch will be available
from 1:30pm onwards**

West Midlands Mathematics Teacher Network

Problem Solving and Modelling in the new Mathematics A Levels presented by Richard Lissaman

At this meeting:

Richard Lissaman

Richard is responsible for MEI's online resources for the teaching and learning of A level Mathematics, Integral. Particularly as part of the Further Mathematics Support Programme from 2005 – 2011, he has worked extensively with teachers and students of A level Maths and Further Maths. He is a former lecturer of mathematics at the University of Warwick and is a textbook author.

Richard has significant experience of working with students to help develop their problem-solving and modelling skills. He believes in approaches that enable students to take small, achievable steps to develop confidence with these skills. He also is conscious of the need to integrate time spent on these skills with other demands on classroom time and so advocates the use of short, focused tasks in his suggested approach.

Problem solving and Modelling in the new mathematics A levels:

Modelling is about starting with a real life situation, making assumptions to simplify it and deciding what features are important in order that mathematics can be applied to provide some useful information.

Problem-solving is about working through situations which are not immediately recognisable as a version of a scenario already familiar to you. Both of these skills can be challenging for students. Supporting students to develop these skills can also be challenging. This session will consider some practical approaches for this and hopefully provide ideas to take back to the classroom.

The West Midlands Mathematics Teacher Network is an FMSP-funded project allowing teachers of maths to meet, to collaborate and to share professional development. We meet termly and the programme is a mixture of informal sessions and speaker-led training events.