

# Secondary Maths Conference

## Speakers & Workshops

<b>Keynote</b>	<p>During her keynote session Jane will explore the aims and expectations of the mathematics National Curriculum and GCSE; look at the characteristics of effective teaching and learning in the context of mastery and consider some Ofsted myths.</p> <p><i>Jane Jones - As National Adviser for Mathematics, Jane leads Ofsted's work in mathematics, which includes an annual programme of survey visits, dissemination of findings, and provision of advice to the Chief Inspector, Ministers, the Department for Education and other stakeholders. Jane holds a Master's degree in mathematics and qualified teacher status. She has led and taught mathematics in four varied 11-18 secondary schools.</i></p>
<b>Marking &amp; Feedback</b>	<p>In this workshop we will be exploring some of the issues in providing effective assessment and feedback to students. In particular, the workshop will explore some of the key implications raised by the recent NCETM document "Guidance on Marking and Feedback for Secondary Mathematics Teaching".</p> <p><i>Carol Knights - Carol is the new Director for Secondary Mathematics at the NCETM. Prior to this Carol taught in state schools for 15 years, with roles as an Advanced Skills Teacher and Head of Department plus school-wide responsibilities. She then worked for 6 years as a Principal Lecturer in Mathematics Education before joining MEI (Mathematics in Education and Industry).</i></p>

### Workshop Choice 1

<b>Marking &amp; Feedback Exploration</b>	<p>Following on from the morning session the aim of this group will be to set up and trial a number of different forms of assessment and feedback. The group will agree strategies to trial and evidence to collect to show impact.</p> <p><i>Matilde Warden - Matilde is currently the Director for Mathematics for the Bluecoat Academies Trust. From 2014-2016 she was the Maths Hub Lead for the East Midlands West Maths Hub.</i></p>
<b>Core Maths</b>	<p>This workshop will explain and showcase resources for Core Maths (the new level 3 qualification). Participants will gain an understanding of the aims and rationale of the programme, resources available to support teaching, and look at how to set up in schools.</p> <p><i>Jayne Ireland - Jayne has worked in a number of secondary schools across the East Midlands and is both a Core Maths lead and the level 3 co-ordinator for the East Midlands East maths hub.</i></p>

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### Planning for Progression

We will start by looking at some of the developments and changes that have taken place in Key Stage 2 mathematics. Using this as a basis we will consider a Key Stage 3 scheme of work, and look at opportunities to work together in development through joint planning and lesson study.

*Tom Isherwood - Tom works at Hillside Primary and Nursery School, is numeracy lead practitioner for the Flying High Trust and is the primary lead for the East Midlands West Maths hub.*

*Matt Woodford - Matt has worked in several schools across the East Midlands as an Advanced Skills Teacher, an Assistant Head and currently leads the East Midlands East Maths Hub.*

### Workshop Choice 2

#### A-Level Maths and Further Maths

This workshop will look at the changes that are taking place in A-level maths and Further Maths. There will be a focus on collaborating and looking at ways for schools to work together and share resources.

*Dr Tom Bennison - Tom currently works as the Level 3 Maths Co-ordinator for the East Midlands West Maths Hub.*

#### Maths Hub Opportunities

This workshop will provide a summary of some of the activities and aims of the Maths Hubs. In particular, we will provide information about plans over the next few years and potential opportunities that schools may be able to get involved in.

*Elizabeth Atwood - Elizabeth is the lead Maths practitioner at George Spencer Academy and Secondary Maths Co-ordinator for the East Midlands West Maths Hub.*

*Matt Woodford - Matt has worked in several schools across the East Midlands as an Advanced Skills Teacher, an Assistant Head and currently leads the East Midlands East Maths Hub.*

#### A Case History of Moving a Maths Department Forward

Andy will share the context of his school and the Maths Department of Friesland and look at the challenges, actions and outcomes that took place over his years as Head of Maths. This will include reflections on the Ofsted subject inspection that took place and how this influenced his actions. He will give honest and reflective thoughts on what were the greatest challenges and key actions that took place.

*Andy Morgan - Andrew is an Assistant Head Teacher at Friesland with responsibility for Maths, Business and ICT. He is an SLE who has supported other schools with their development in mathematics.*