

Outstanding Secondary Mathematics 2017

Real-life approaches, methods and resources to consistently improve the teaching of mathematics

Fri 17th Nov 2017, **Central London** | Mon 20th Nov 2017, **Manchester**

Benefit from exceptionally experienced leaders and trainers dedicated to equipping you with the means to support progress and raise attainment for all



DANIELLE BARTRAM

Mathematics Lead
Practitioner and Numeracy Lead at Acklam Grange School and Author



IAN TAYLOR

Leader of the Curriculum at Academies Enterprise Trust and Independent Thinking Associate



IAN LOYND

Assistant Headteacher, Author of *The Perfect Maths Lesson*



HELEN BLANCHARD

Independent Maths Consultant and Former Ofsted inspector

Benefits of Attending:

- Prepare for a panic-free Ofsted inspection in maths
- Gain a toolkit of innovative teaching approaches to challenge pupils of all abilities
- Share, collaborate and embed new ideas to deliver effective differentiation
- Deliver exercises that kindle mathematical curiosity and maximise attention spans
- Prioritise high-impact activities that quicken ownership of topics and cultivate mathematical creativity
- Raise the roof on the mathematical aspirations of your students
- Drive positive emotions and mindsets in maths
- Inspire potential, stretch and challenge so all pupils make outstanding progress
- Embed a pragmatic approach to assessment that will satisfy Ofsted demands
- Overcome common misconceptions and barriers to mathematical learning
- Equip your team with the confidence to break free of their comfort zones
- Cultivate a dynamic and innovative culture of learning throughout your maths department

Outstanding Secondary Mathematics 2017

Outstanding Secondary School Maths is the event of the year for teachers and leaders passionate about boosting maths standards. Now in its fourth year, the programme continues to pave the way in showcasing the latest tools and proven best practices to successfully tackle the biggest challenges faced by maths departments.

Spend the day surrounded by spectacular speakers and like-minded, driven teachers. Go home inspired, motivated and buzzing with cutting-edge ideas to boost attainment and confidence amongst your most challenging pupils.

Embed outstanding mathematics teaching as standard. Today. Every day.

Comments from Outstanding Secondary Mathematics 2016

“One of the best courses I’ve attended in my professional career!”

Tom Washington, Learning Area Leader (Maths), St Teilos

“Amazing! Most inspiring and useful course I’ve been on in 15 years.”

Alison Lewis, Subject Leader for Mathematics, St Ninian’s High School

Who should attend

- Heads of Mathematics
- Mathematics Coordinators
- Teachers of Mathematics

Introducing Our Mathematical Masters

Ian Taylor @IanTaylor_Maths

Ian is the Leader of Curriculum at the Academies Enterprise Trust. He has enjoyed a meteoric rise from his first teaching job in one of Middlesbrough’s toughest schools to leading a team of 65 maths departments. With a national reputation for raising teaching standards, Ian works tirelessly to pass on his irrepressible energy for maths, leadership and education to every teacher he meets. He believes strongly that it is every teacher’s duty to inspire young people to see the true beauty of maths in the wider world by bringing maths alive thereby making it exciting, relevant and easy.

Danielle Bartram @missbsresources

Danielle is currently the Mathematics Lead Practitioner and Numeracy Lead at Acklam Grange School. She rose to popularity through her brilliant website, www.missbsresources.com, where she shares her outstanding lesson plans and know-how. Hundreds of thousands of teachers across the world benefit from her time-saving resources and bang-on insight. She authored the best-selling book, *Forty Pence Each or Two For One Pound*, is a respected member of the UK TES maths panel and an AQA maths expert panel member. Danielle is a powerhouse when it comes to making maths memorable and fun for all students.

Ian Loynd @IanLoynd

Ian is an Assistant Headteacher at St Teilo’s Church High School in Cardiff. Prior to his role in managing educational change, Ian worked in pastoral leadership as Director of Studies and as a highly successful maths teacher. He is the author of the bestseller *The Perfect Maths Lesson* and is passionate about breaking down what Ofsted wants and what your students need. His experience as a trainer, school leader, governor and author has taught Ian that, although no teacher is perfect, their lessons can be. His pragmatic advice brings out the best in teachers as the expert in their own classroom and are about learning and teaching as much as they are about surviving that dreaded lesson observation.

Helen Blanchard

Helen is an independent Maths Consultant and Former Ofsted Inspector with nearly thirty years’ experience in the classroom, working with pupils at key stages two, three, four and five. Helen draws on this experience along with her time as mathematics AST and as a regional adviser with The National Strategies, to help schools dramatically improve their quality of teaching and learning. Her specialist knowledge, engaging and practical guidance is invaluable in helping teachers move from good to outstanding in the delivery of maths lessons.

09.45 **Differentiation in Mathematics**

- Embed quality tasks high in their initial accessibility and potential extendibility.
- Expand your range of powerful activities that get students talking, engaged and hooked.
- Tools to guarantee that learning is conceptually deep and memorable.
- How to plan the different depths a task may take.
- Essential high impact strategies to enhance differentiation for your lowest attaining mathematicians and stretch methods for your top sets.
- Deliver Ofsted's expectations of supporting pupils through programmes of study.
- Break down common barriers to achievement and turn around negative attitudes to maths.

Helen Blanchard

11.15 **Morning break**

11.30 **The Maths Masterclass**

- An unmissable guide to delivering outstanding maths lessons.
- The essential ingredients to an outstanding lesson. What are you missing? Where do you excel?
- From planning to assessing your impact and showing student progression to Ofsted.
- How to tweak a classroom environment to establish a culture of consistently deep, meaningful and reflective learning.
- Embed methods that fuel independence and inclusion.
- Deliver progress for all with high-impact, low-cost maths teaching tools.
- Unpick tools for assessment that can turn around poor attainment.
- Build a positive mathematical thinking culture that permeates the whole school.

Ian Taylor

13.15 **Lunch**

14.00 **Raising Achievement by Deepening Understanding: A Practical Powwow**

- Tried and tested strategies to maximise learning and to make maths enjoyable and engaging.
- Going beyond just learning the right answers. Get pupils to revel in the beauty, challenge and real-world applications of the subject.
- Choose from a range of tips and strategies to nurture key skills and mindsets in your learners.

Ian Loynd

15.15 **Afternoon break**

15.30 **Maths Problems? Solved!**

- Obtain clarity about national expectations in the maths curriculum with a focus on problem solving and reasoning.
- Equip your team with the key skills to teach problem solving that surpass those requirements.
- Explore the necessity for problem solving and mental maths.
- Gain an understanding of the progression of skills in the maths curriculum for problem solving.
- Benefit from the whistle stop tour of top teaching, time-saving strategies and resources to improve problem solving abilities.

Danielle Bartram

16.30 **Conference close**

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**INDEPENDENT
 THINKING** EVENTS

[teachology.co.uk](https://www.teachology.co.uk)

020 7732 2650

registration@teachology.co.uk

@TeachologyUK

FRIDAY 17TH NOVEMBER 2017, CENTRAL LONDON
MONDAY 20TH NOVEMBER 2017, MANCHESTER

teachology™

Outstanding Secondary Mathematics 2017

How to register

Online: teachology.co.uk/smaths17

Email: registration@teachology.co.uk

Conference pricing

1 delegate place **£289 +VAT**

2 delegate places **£489 +VAT**

3 delegate places **£679 +VAT**

4 delegate places **£789 +VAT**

Feedback from Outstanding Secondary Mathematics 2016:

 **"Enriching day full to bursting of inspiration."**
Olivia Graham, Head of Mathematics, Queen Elizabeth II High School

 **"Inspirational – excellent ideas to use in the classroom."**
Siobhan McCarry, Maths Teacher, St Louis Grammar School

 **"The complete package! Excellent speakers with a range of practical and adaptable ideas."**
Delegate

 **"I hardly dared blink in case I missed something... totally inspirational."**
Whitstable Endowed School

 **"Again, Teachology delivers! Superb!"**
Sara Mitchell, Assistant Head Teacher

 **"Worth three times the money!"**
Emma Brits, Department Head, Alderman Peel High School

Terms & Conditions

Payment

Payment includes attendance, refreshments, lunch and documentation. Full payment must be made within 28 days of registering. If payment is not made prior to the event start date, Teachology Ltd and Independent Thinking Ltd reserve the right to refuse entry to the delegate. Once payment has been received a receipt will be sent. Should the invoice be paid late, a £19 administration fee will be applicable.

Programme

The programme is correct at time of publication but Teachology Ltd and Independent Thinking Ltd reserve the right to alter the venue or programme without notice due to unforeseen circumstances.

Accommodation

It is the responsibility of delegates to book accommodation if required.

Cancellation/substitutions

A substitute delegate attending in your place will be accepted at no extra charge. A refund of fees will be made for cancellations received in writing three weeks before the event and are subject to a £10+VAT cancellation fee to cover administration costs. Written cancellations made two weeks before the conference date will be subject to a 75% refund +VAT refund per ticket. Cancellations made less than two weeks before the conference date cannot be refunded.

Data protection

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