

The Power of Six National Maths Conference

19th October 2017 at the City of London School

There are over 30 keynote and break-out sessions to choose from which span four different zones: Early Years, Primary, Secondary and Level 3. Choose the sessions you would like to attend when you book your ticket.

Keynotes

Sir Kevan Collins, Chief Executive of Education Endowment Fund and newly appointed "evidence champion" for the government's opportunity areas.

Jane Jones HMI, Ofsted's National Lead for Mathematics

Vanessa Pittard, former Assistant Director, Curriculum & Standards, DfE, Meeting the mathematics challenge

Alex Bellos, British writer and broadcaster on mathematics, science and football

Debbie Morgan, Director for Primary, NCETM

John Mason, Professor Emeritus at the Open University, Variations on Variations

Professor Paul Glaister, University of Reading; Chair, The Joint Mathematical Council of the UK (JMC), *The Post 16 Landscape*

Craig Barton, Maths Teacher, Trainer and Keynote Speaker, Creator of Mr Barton maths, *The Myths and Marvels of Multiple Choice Questions*

Break out sessions

Early Years Zone

Leading maths in the Early Years

Elaine Bennett, EYFS and Year One Leader at Friars Primary School

An approach to teaching for mastery in Early Years

Mel Howes, NCETM Maths Mastery Specialist, St Stephen's Primary

Less-is-more in Early Years maths

Simon Lewis, EY/Y1 & Maths Lead Teacher, Ravenstone Primary

Woodwork and rich opportunities for mathematical thinking

Pete Moorhouse, Artist Educator and Early Years Consultant

Primary Years Zone

Getting started with Early Algebra

Jenny Cane, KS1 leader at Burstard Wood Primary

21 ideas for better bar modelling: strategies to support you to teach and implement bar modelling across your school

Jack Corson, Specialist Leader in Education for the Elmhurst Teaching Alliance

Creative approaches to mastering algebra

Jennifer Field, Principal Lecturer, University of Greenwich

A Festival of Triangles

Alexandra Fitzsimmons, CEO of the charity Maths On Toast

Tackling the Challenges of Implementing Teaching for Mastery: A Questions and Answers session for Senior Leaders

Kate Mole, London SW Maths Hub Teaching for Mastery Lead, Nonsuch Primary

Microscopic Progression

Ciara Sutton-Fitzpatrick and Gemma Field, Maths Leads, Wimbledon Park Primary

Cross Phase and SEND Zone

People-Maths: let's get physical

Eileen Coan, Director Coanmaths Consulting

Enhancing Financial Capability for Pupils with Complex Learning Difficulties and Disabilities

Tracy Edwards, Associate Director of Teaching School, Swiss Cottage School

Elastic Multiplication key stage 1 - 4

John Mason, Professor Emeritus, Open University

Reasoning Reasonably in Mathematics

John Mason, Professor Emeritus, Open University

Maths in the middle school: smooth and successful progression from Y5 to Y8

Robert Wilne, London Thames Maths Hub consultant and former Director of Secondary for the NCETM

Key Stage 3 Numeracy Intervention aimed at teachers of Key Stage 1 and lower Key stage 2

Celeste Da Silva, UK-Shanghai Exchange Teacher, Saint Cecillas

Secondary Zone

Key year 11 interventions for the 3/4/5 students and supporting tiering decisions

Christian Seager leads the Maths team at Alcester Academy, winners of the 2016 TES Team of the Year Award, and co-runs JustMaths.co.uk

The Wonderful World of Maths Resources

Jo Morgan, Winner of 2017 UK Blog Award and Lead Practitioner at Glyn School

'Build-it, Say-it, Write-it' securing understanding at KS3

Pip Huyton, Director of Accomplish Education

New Tough Stuff: Resources and strategies for new content for higher tier

Corrinne Fraser, Secondary Mathematics Consultant, London Thames Maths Hub

Survive and Thrive as a Maths NQT

Michael Pullan, London Thames Maths Hub

What is the real meaning of mastery?

Paul McGarr and Kate Gladstone-Smith, Joint Heads of Maths, Langdon Park School

Dynamic digital pedagogies for mathematics

Alison Clark-Wilson, UCL Knowledge Lab and 2017 BJET Fellow

Teaching for mastery at secondary

Emily Curtis-Harper & Josh Smith, Maths Consultant & Lead Teacher City of London Academy (Southwark)

Aspiring to be a lead practitioner, Claudia Abayaateye, Harris Federation

Tackling Unfamiliar Questions, Christopher Reilly, Mathematics Consultant, Harris Federation

Secondary/Level 3

Fun with Proof

Jo Sibley, FMSP Central Coordinator with responsibility for the Live Online Professional Development programme

Level 3 Zone

Post 16 Landscape; priorities, policy and practice: the Smith review and its implementation including Core Maths

Gill Leahy, Mathematics Consultant for the London Thames Maths Hub and Professor Paul Glaister, Professor of Mathematics at University of Reading and Chair of The Joint Mathematical Council of the UK (JMC)

Things to do with your large data set for A Level

Stella Dudzic, MEI Curriculum Programme Leader

Statistical Hypothesis testing for A Level

Stella Dudzic, MEI Curriculum Programme Leader

Using comparative judgement to assess conceptual understanding in mathematics

Matthew Inglis and Ian Jones, Reader and Senior Lecture at Loughborough University

Preparing for the new A level: An alternate approach to notetaking in class

Scott Li, Head of KS5 Mathematics, Saint Olave's Grammar School

Mathematics Specialist Schools: Past, Present and Future

Dan Abramson, founding Head Teacher of King's College London Mathematics School

99 Problems and they're all mathematical

Godfrey Almeida, Secondary Maths Consultant, London Thames Maths Hub

Hands on look at large data sets with geogebra and excel

James Morris, Area Coordinator for FMSP

Symmetry: an introduction to groups

Dr Luciano Rila, Maths educator in the Department of Mathematics at University College London