

## The Power of Six National Maths Conference

*19th October 2017 at the City of London School*

### Break-out sessions

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

### 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

#### **Using visual representations of number in Early Years maths**

Simon Lewis and Dan Westland, EY/Y1 & Maths Lead Teachers, 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 Burstwood 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 & Christopher Reilly, London Thames Maths Hub**

## 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**

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

### **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

### **Teaching problem solving**

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