

# AMET Mathematics Conference

## 15th March 2017

### Middlesex University, Hendon, London, NW4 4BT

As providers of Initial Teacher Education (ITE) one of our roles is to make sure that our new teachers are best prepared for current pedagogies. Some challenges are emerging for our trainee teachers in the mathematics classroom who are attempting to reconcile the strong messages from Singapore and Shanghai in text book pedagogy with the meeting of the Teachers' Standards.

AMET invites all those involved in the provision of ITE to join a discussion led by colleagues who will critique text book pedagogy from an academic, a practical and a political perspective.

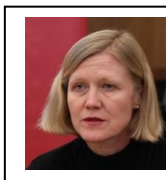
- 9:30 Registration, coffee and welcome
- 10:00 Professor Anne Watson: Textbook pedagogy and the Teachers' Standards
- 11.00 Sue Lowndes: The Singaporean approach to text book use and the variation theory
- 12:00 Lunch and networking
- 13.00 Louise Hoskyns-Staples: Using text books and remaining creative
- 14:00 Dr Debbie Morgan: The use of textbooks within the context of planning and teaching for Mastery.
- 15:00 Expert Panel: Discussion, Questions and Answers
- 16:00 Close



Anne Watson is Emeritus Professor at Oxford University. Her research interest in exemplification and task design in mathematics teaching and learning is highly relevant to the discussion. Anne will report on recent research in textbook design and pedagogy in relation to the Teachers' Standards.



Sue Lowndes is currently PD leader for Inspire Maths and UK expert in the Singapore approach to teaching mathematics. She has taught the full age range from primary to graduate level. Over her 30 year career Sue has also worked as a consultant, editor and author, most recently in Singapore, USA and the Kingdom of Saudi Arabia.



Louise Hoskyns-Staples is a lecturer in Primary mathematics at the University of Worcester. In her previous role as headteacher Louise introduced Maths No Problem text books in her school and believes that ITE providers need to add quality textbook use to teaching programmes so that the pedagogy behind them isn't missed.



Dr Debbie Morgan is Director of Primary mathematics at the NCETM. She was involved in an analysis of UK Primary Maths textbooks on behalf of the government and the writing of the NCETM textbook guidance for publishers and schools. She has the most current findings from the Shanghai teacher exchange and The Text Book Project as well as knowledge of the latest government directives.

**Audience:** Primary and Secondary Initial Teacher Educators, Mathematics Education Advisors, School Leaders and Primary Mathematics Specialists

**Cost:** £100 non-members £80 AMET members

To reserve your place please contact Helen Farmery [h.farmery@mdx.ac.uk](mailto:h.farmery@mdx.ac.uk)