



LLF TSA, in association with the Yorkshire & Humber Maths Hub, presents a bespoke programme for Teachers and/or Teaching Assistants



Teaching, Leading & Supporting Primary Mastery Mathematics

For:

Maths Teachers & Leaders

Session Programme

(Up to 4 days equivalent sessions)

2018-19

Autumn 2018

Available on request and bespoke

Spring Term 2019

Available on request and bespoke

Summer Term 2019

Available on request and bespoke

Event Reference: LLF.189.PMM

Event Fee: Negotiable

Venue: Negotiable

Apply to: **LLF TSA Events Office**

St Hugh's National Teaching School
Bushfield Road
Scunthorpe
North Lincolnshire
DN16 1NB

Phone:

01724 842960

Fax:

01724 747249

E-mail:

LLFevents@northlincs.gov.uk

Designed by experienced and successful Primary Maths specialists, this highly effective programme is designed to give Maths teachers **and/or** teaching assistants the capacity and capability to implement the new Maths curriculum across the primary phase leading towards mastery based learning and deep thinking.

The programme is designed to:

- Provide a fundamental understanding of the key concepts and aims of the new curriculum
- Develop knowledge of how to teach the integration of factual and procedural fluency with conceptual understanding
- Encourage the use of manipulatives to develop CPA with the four rules in order to develop arithmetical proficiency
- Introduce practical approaches to the teaching of fractions
- Use of the Bar Model approach for problem solving
- Ways to develop mastery based whole class teaching and deep learning

This programme consists of full or half day sessions, equivalent of up to four days' training. Opportunities to visit other schools can be arranged. The final session will conclude with a short showcase session exploring the impact of the programme in the delegates' schools.

Session 1: Introduction: Singapore Approach to Teaching Mastery Mathematics

Session 2: Practical Approaches to Teaching Number: Manipulatives, Bar Modelling & Problem Solving: Addition & Subtraction

Session 3: Practical Approaches to Teaching Number: Manipulatives, Bar Modelling & Problem Solving: Multiplication & Division

Session 4: Practical Approaches to Teaching Fractions and Deeper Conceptual Understanding Leading to Mastery

More information overleaf



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Organisation & Delivery

This updated programme of **Teaching, Leading & Supporting Primary Mastery Mathematics** has been designed to take place over a number of face-to-face sessions, equivalent of up to four full or half days. This adaptable programme is suitable for teachers **and/or** teaching assistants. Delegates will need to commit to the full programme. They will undertake training over an agreed number of sessions to develop their skills and approaches. Each delegate will be invited to showcase an informal reflection on the impact within their school at the end of the programme.

Programme Resources & Facilitation

Delegates will receive all course note handouts and training materials derived from the work of the National Centre of Excellence for the Teaching of Maths (NCETM) and the Yorkshire & Humber Maths Hub.

Teaching, Leading & Supporting Primary Mastery Mathematics will be led and facilitated as a bespoke programme by David Jones, an experienced and talented teacher/trainer of Mastery Mathematics.

Programme Leader Profile: David Jones is currently teaching Mathematics at St Hugh's National Teaching School. David has extensive experience of teaching and leading Mathematics and Numeracy, from his work in both Primary and Special schools. He is also an accredited Specialist Leader of Education (SLE), offering Professional Support to schools across Lincolnshire and beyond.

David has specialist knowledge of the Primary Curriculum as well as of Entry Level/GCSE Mathematics. In his wider consultancy and training role, he has led *Talk For Maths* training in schools across the country over the past five years.

David will share his experience of Mastery Maths training with schools in developing mastery approaches during the programme.