

## Teaching and Leading Primary Mastery Mathematics

**For further information regarding session dates, times and costs please contact The Teaching School Office** (details can be found at the bottom of this flyer).

### Target Audience

This programme is for Maths Subject Leaders and Senior Leaders.

### Aims

- 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.
- Introduce practical approaches to the teaching of fractions
- Encourage the use of manipulatives to develop CPA with the four rules in order to develop arithmetical proficiency
- Use the bar model approach for problem solving
- Learn ways to develop mastery based whole class teaching and deep learning

### What does it involve?

Designed by experience and successful primary maths specialists, this highly effective programme is designed to give maths subject leaders the capacity and capability to implement the new maths curriculum across the primary phase leading towards mastery based learning and deep thinking. This programme consists of four full days training as well as the opportunity to undertake school visits during the programme. The final session will conclude with a short showcase session exploring the impact of the programme in the delegates' schools.

Please contact **Gemma Wesley**

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*This course will be led and facilitated by three experienced and talented teachers who are also nationally recognised Specialist Leaders of Education*

### Units

Teaching and Leading Primary Mastery Mathematics includes the following units:

- Introduction
- The 'Singapore Approach' to teaching mastery mathematics
- Practical Approaches to Teaching Number: Manipulatives, Bar Modelling and Problem Solving: Addition & Subtraction
- Practical Approaches to Teaching Number: Manipulatives, Bar Modelling & Problem Solving: Multiplication & Division
- Practical Approaches to Teaching Fractions and Deeper Conceptual Understanding leading to Mastery

### Organisation and Delivery

The programme of **Teaching & Leading Primary Mastery Mathematics** has been designed to take place of a half-year period in 2016-17. Delegates will need to commit to the full programme. They will undertake training over four full day sessions to develop their skills and approaches. Each delegate will be invited to showcase an informal reflection of the impact within their school at the end of the programme.

### Programme Resources

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 (NCETEM) and the Yorkshire and Humber Maths Hub.

### Programme Leaders

Carron Pitois, Laurie Teasdale and Sarah Williams

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