

KS3 KS4 Developing Mastery of Mathematics at Secondary Level: Use of manipulatives to teach conceptual understanding

First session: Monday 29th January 2018



Cost: FREE

NCP17-16

Secondary Teaching for Mastery – to develop the use of manipulatives to teach conceptual understanding in KS3 and KS4.

This is aimed at subject leaders and teachers of Secondary Mathematics

Teachers attending the workgroup will:

- have an overview of the 5 Big Ideas for Teaching for Mastery (TfM)
- explore representation and structure
- experience using manipulatives to model the structure of mathematical concepts
- plan for effective use of manipulatives in the classroom

as well as:

- try out the approaches discussed in the WG in their own classrooms
- reflect on the experience of using these approaches
- become more confident in using these approaches
- evaluate the impact of participation in the WG
- identify actions to continue improvement in this aspect of teaching and learning
- develop their capacity to support or lead PD in their own departments

Dates and venue:

- Meeting 1 will be on Monday 29th January 2018 4pm to 6pm
- Meeting 2 will be on Monday 19th March 2018 4pm to 6pm
- Venue is Milton Keynes Academy, Leadenhall, Coffee Hall, Milton Keynes MK6 5LB

Course leader:

Jayne Webster, Enigma Secondary Mastery Specialist has successfully developed Secondary Mastery at KS3 and 4 and whose experience is recognised nationally. Following her leadership of the Creative Maths Network, Jayne had the opportunity to undertake an exchange programme with teachers from Shanghai in 2015. Since then, she has explored Mastery further and teachers under her leadership at Milton Keynes Academy have been delivering Mastery lessons in Maths with great success.

To book your place click on this link:

<https://ncp1716teachingformastery.eventbrite.com>

The Enigma Maths Hub, Denbigh School, Milton Keynes, MK5 6EX

Call: 01908 330690

Email: enigmamathshub@denbigh.net

Visit: www.enigmamathshub.co.uk