

## Year 5 to 8 Continuity

### OVERVIEW

Teachers from different phases will work together in this Work Group, to improve communication between Key Stages 2 and 3, with the overall aim of improving continuity of learning by pupils in the four years between Years 5 and 8. Participants will take an aspect of the mathematics curriculum or a pedagogical approach as the focus for their work and develop a consistent approach to it through discussion, joint lesson design and delivery, observation and the development of documentation to support continuity.



### WHO IS THIS FOR?

Secondary school maths teachers and all primary school teachers. Each Work Group will consist of pairs of teachers, from linked, or neighbouring, primary and secondary schools, working together to develop a shared understanding of the teaching that gives the best chance of pupils progressing steadily in their mathematical understanding between Years 5 and 8.

### WHAT IS INVOLVED?

Participants will attend 3 workshops throughout the year and will be expected to participate in gap tasks between sessions.

- Each workshop will provide an opportunity for KS2 and KS3 teachers to consider key ideas and approaches to multiplicative Reasoning through exploring a set of researcher designed (and trialled) lessons which have extensive PD commentaries.
- This will then form the basis of a lesson study gap task which enables the involvement of the wider department.
- Subsequent workshops will provide important PD feedback opportunities on impact on learning observed in the lesson study.

### INTENDED OUTCOMES

- Participant teachers will gain a deeper knowledge and understanding of progression in mathematical learning between years 5 and 8, and, in parallel, a clearer understanding of the teaching approaches and pupil experiences that best serve that purpose, particularly in the 'other' school phase.
- Participant teachers will further their experience and understanding of how representations and structures can be used to help pupils develop sound mathematic understanding.
- Teachers will develop shared approaches to planning and delivery of the mathematics curriculum across KS2 and KS3.
- Teachers involved in the Work Group will share and disseminate good practice within their own schools and departments.

## THE WIDER CONTEXT

Collectively, the network of Maths Hubs across England work on projects around national maths education priority areas. One of those priorities centres on primary pupils, within a teaching for mastery context, developing the deep knowledge and understanding they need to be fully prepared for the secondary mathematics curriculum. Another centres on the development of Teaching for Mastery in secondary schools.

This Work Group addresses both of these priorities. Each Maths Hub participating in a national project runs a local Work Group, where teachers come together over a period of time to work on areas defined by the project. All Work Groups are subject to a common evaluation process, which collectively provides a body of evidence on the project's outcomes. So, your participation in this Work Group will contribute to your own professional learning, and that of your school colleagues, as well as making a contribution to the improvement of maths education at a national level.

## EXPECTATIONS OF PARTICIPANTS AND THEIR SETTINGS

Schools will be expected to release teachers so that they can attend ALL workgroups sessions and thus contribute to the success of this projects.

Participants will be expected to meet between workshops to plan and carry out gap tasks. They will also be expected to share work, results of gap tasks and reflections with other members of the Work Group.

## FUNDING

The programme will be fully funded through the East Midlands East Maths Hub, however there will be a £15 per session fee for non-attendance to cover costs.

## WHO IS LEADING THE WORKGROUP?

This workgroup will be run by:

Anna Sharpe - Hall Park Academy, Accredited PD Lead

## VENUE

The Minster School  
Nottingham Road  
Southwell  
Notts NG25 0LG

## DATES/TIMES

Friday 23rd November 2018, 9.30am to 3.30pm  
Wednesday 13th February 2019, 9.30am to 3.30pm  
Wednesday 26th June 2019, 9.30am to 3.30pm

## IF I'M INTERESTED, WHAT NEXT?

To reserve your place, please use the link below to our online booking system. For further information please contact Julie Naidu, Maths Hub Administrator, [j.naidu@minster.notts.sch.uk](mailto:j.naidu@minster.notts.sch.uk) tel: 01636 817 377.

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