

Year 5 to 8 Continuity

Information Sheet

NCP18-14



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 in the Jurassic Maths Hub will use multiplicative reasoning as the focus for their work and develop approaches to learning through discussion, joint lesson design and delivery, observation and the development of documentation to support continuity. This tried and tested work group model features specifically designed lessons and research-based professional development materials to help pupils deepen their understanding of multiplicative relationships.

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. The content is compatible with a teaching for mastery approach.

What is involved?

Attendance at three workshops, spread over the autumn and spring terms of 2018/19. Each workshop will focus upon approaches exemplified in carefully designed lessons with detailed research commentaries and pedagogical guidance. A chosen project lesson will form the basis of a lesson study gap task between each workshop, and provide important opportunities for wider department or school development.

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 mathematical 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 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 schools

- Attend sessions run by the work group Lead
- Meet between sessions to plan and carry out gap tasks
- Share work, results of gap tasks and reflections with other members of the work group
- Disseminate learnings from the work group with colleagues in departments/schools.

The workshops will be at The Castle School in Taunton and will be on the following dates:

29th November 2018

17th January 2019

7th March 2019

Each work shop will run from 13:45 to 16:30.

Funding

There is no charge for teachers and schools to take part in this work group. All costs are met by Maths Hub funds. Cover and travel expenses will need to be funded by each school, as necessary.

Who is leading the Work Group

Phil Eadie is the local lead for the work group. He is a SLE with the Thomas Hardye School and has delivered the work group before. Phil is also on the Secondary Teaching for Mastery Specialist Programme.

If you're interested, what next?

Please contact Phil Eadie peadie@thomas-hardye.net or jurassicmaths@woodroffe.dorset.sch.uk for any further information.

Please apply by completing the Expression of Interest form by clicking [HERE](#).