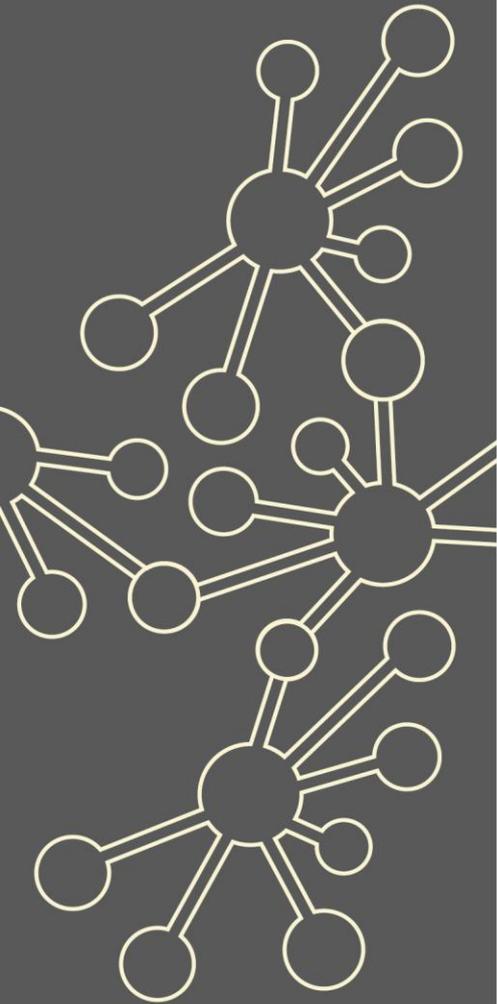


Years 5-8 Continuity

Maths Hubs Network
Collaborative Projects
2021/22

NCP21-19



Outline



Work Groups in this project aim to strengthen the transition from primary to secondary school by focusing on curriculum and pedagogical continuity over Years 5 to 8.

Central to the Work Group is the promotion of cross phase communication between teachers to address issues of maths knowledge and learning transition as distinct from pastoral considerations. Whilst many Work Groups will focus on using multiplicative reasoning resources, Work Groups can explore any aspect of the KS2/3 curriculum.

Details

What is involved?

Local Work Group design will follow a workshop – school-based work cycle, consisting of several workshops followed in each case by specific school-based work.

A lesson study approach is encouraged where all participants focus on a particular aspect of the maths curriculum and work collaboratively to develop this in their schools. Cross-phase classroom observation and discussion of practice is encouraged wherever possible. Participants are expected to consider ways to develop the approaches explored during the project with other staff in their schools.

Who can take part?

Participants should be teachers of Years 5-8 in primary, secondary, middle school and all-through schools who have some responsibility for curriculum development, e.g. primary school maths leads/secondary heads of department.

Linked 'families' of schools are encouraged to take part: ideally teachers from two (or more) secondary schools and some of their associated primary schools will work together.

What are the benefits?

Participants and their schools will:

- ✓ deepen knowledge and understanding of the curriculum across KS2 and KS3 and the expectations of pupils at the end of each key stage
- ✓ understand the approaches which will support pupils as they move from KS2 to KS3, including the importance of consistency of language and representations
- ✓ make use of common approaches, representations and language across phases
- ✓ develop collaboration between primary and secondary colleagues on issues of curriculum and pedagogy, making them part of the school's transition practice (and policy).

What is the cost?

The Years 5-8 Continuity project is fully funded by the Maths Hubs Programme so is free to participating schools.

Covid-19 Recovery

Many positive lessons were learnt from online collaboration during Maths Hubs activity in 2020/21. These will be built upon in 2021/22.

As the impact of the pandemic hopefully recedes, the result for Maths Hubs work will be a blend of face-to-face activities and frequent online collaboration.



The wider context

The Work Groups promote teaching for mastery approaches across the KS2-3 boundary to ensure consistency in the pupil experience, thereby meeting the primary and secondary strategic goals of establishing teaching for mastery approaches and encouraging schools in engaging with teaching for mastery support. The Work Groups also meet the Primary goal of ensuring that pupils 'are well prepared for the secondary maths curriculum'.

In particular in 2021/22, teachers will be working without the usual SATs data to support transition, so the Work Group's aim of developing collaboration to secure successful transition for pupils has an added significance. As the situation returns to normal, this enhanced communication and collaboration will ensure that, when data is available, it is used in a more informed way.

Expectations of participants and their schools

Schools must be able to commit to the full academic year's programme. This involves a total of three days (or the equivalent) of face-to-face or on-line (tbc) support across the academic year, as well as classroom and school-based activity. Participants must also be supported by their school leadership to explore outcomes from the project with other colleagues in their school.

About the Hub

The Work Group is the model of professional and school development used in most Maths Hubs projects.

A Work Group is:

- comprised of a group of schools who work on something together, normally over the large part of a school year, typically with one or two teachers from each school acting as lead participants
- led by a teacher or former teacher, expert both in the area of maths education in question and in leading teacher professional development
- normally part of a national collaborative project, which supports the Work Group Leads and seeks to ensure lessons are learned from around the country.

Should you wish to apply please complete and return (by email) the registration form

<https://nnwmathshub.org.uk/get-involved-form/?inv=Year%205-8%20Continuity%20Development>

or contact NNWCoordinator@queenkatherine.org

