

Years 5-8 Continuity

NCP21-19

BCP & East Dorset

Maths Hubs Network
Collaborative Projects
2021/22

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. This Work Group will consider **multiplicative reasoning** and **algebraic thinking** as contexts to explore pedagogy across the KS2/3 curriculum.

Details

What is involved?

Local Work Group design will follow a workshop – school-based work cycle, consisting of several face-to-face workshops (with short Zoom meetings in-between), 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.

What are the benefits?

Participants and their schools will:

- ✓ deepen knowledge and understanding of the curriculum across KS2 and KS3
- ✓ 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).

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' through studying the recently published government/NCETM "Mathematics Guidance: key stage 3" document.

Currently, 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.

Expectations of participants and their schools

Schools must be able to commit to the full academic year's programme. This involves a total of four afternoons of face-to-face support across the academic year, short on-line meetings 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.

Workshop details

Workshops will be face-to-face if local conditions allow at the time.

Workshops will be at a venue convenient for BCP/East Dorset (tbc). 3 short, online meetings using Zoom will be arranged between workshops to aid continuity and facilitate co-ordination between pyramid schools. These will be after the school day with dates to be agreed with participants – Commencing 2022

Link to expression of interest form: [here](#).

For further information, contact the Work Group Lead, Justin Talbot:
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Fully funded by the Maths Hubs
Programme so is free to participating
schools.