

Specialist Knowledge for Teaching Mathematics (SKTM) - Secondary Early Career Teachers

Develop mathematical subject knowledge and pedagogy

What is involved?

This maths-specific subject knowledge project is designed to support secondary Early Career Teachers (ECTs). It is likely you are already working with other ECTs in cross-curriculum groups and that you have the support of experienced maths teachers in school.

This project therefore focuses on the needs of mathematics teachers and offers high-quality subject knowledge and pedagogy maths support for secondary mathematics ECTs, recognising the requirements of the ECF. You will work with experienced course leaders and other maths ECTs to develop ideas that are relevant to you.

The programme will build on the knowledge gained during initial teacher training. This will be achieved by focusing on one area of maths in detail: multiplicative reasoning.

Who can take part?

Those who are Early Career Teachers (teachers in their first or second year of teaching) who have not previously participated in this work group.

Benefits

- Your students will reason with increasing confidence in response to effective questioning in the classroom
- You will consider task and lesson design, with your students' needs in mind
- You will notice aspects of teaching for mastery within a given task or lesson, and be able to articulate their purpose

The programme is fully funded by the Maths Hubs Programme, so is **free** to participating schools.



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Who is Leading the Work Group?

Mark Dawes

Mark is a member of the Cambridge Maths Hub team and holder of the NCETM PD Lead qualification. He teaches at Comberton Village College and leads courses for the Advanced Maths Support Programme. In addition to this he is an Associate Teaching Professor at the University of Cambridge, and in this role he teaches on the secondary maths PGCE course.

Edd Harvey

Edd is a maths teacher and ECT mentor at Bottisham Village College. Over the past few years Edd has taken part in both the ECT workgroup, and the Y5 to 8 continuity workgroup. Having led Professional Studies sessions for trainee teachers at Bottisham, Edd is keen to shift his focus onto helping improve the quality of maths teaching, viewing everything through the lens of 'how does this improve outcomes for students'. Edd is also a Duke of Edinburgh leader, and loves all things outdoors!

Dates

Cambourne Village College

Day 1: Fri 9 February 2024, 9:00-15:00

Day 2: Fri 22 March 2024, 13:00-1600 [Zoom]

Day 3: Mon 13 May 2024, 13:00-1600 [Zoom]

Day 4: Weds 26 June 2024, 9:00-15:00

Book at: <https://CMH23SecondaryECT-Phase1.eventbrite.co.uk>

Comments from previous participants

"The workshop sessions have been fantastic and invigorating. They remind me why the rest of my teaching is so important."

"Thank you for providing the time and space to think about the impact of our jobs and the continual improvements we can make. It's great to deepen the mindset that teaching is an ongoing learning process!"