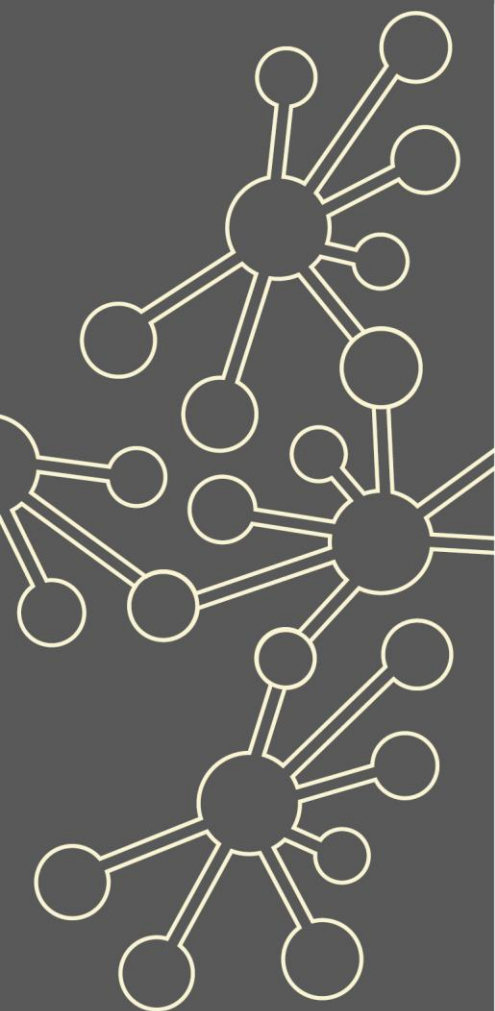


Specialist Knowledge for Teaching Mathematics

Secondary Early Career Teachers

Maths Hubs Network Collaborative Projects 2021/22

NCP21-29



Outline

This project is designed to support secondary early career teachers (teachers in their first **two** years of teaching) in developing specialist knowledge for teaching mathematics, thus enabling them to understand, teach and support pupils in maths in the classroom.

It will also provide an environment where mathematics early career teachers can collaborate and network with other subject specialists at the same career stage as them across the SW London Maths Hub area,

Details

What is involved?

Work Groups will explore the theme of designing effective learning and teaching in maths for **multiplicative reasoning**.

Participants will work deeply on this one area of maths, drawing in the associated pedagogy, and activities will include lesson analysis and lesson design. This programme will take place across the equivalent of four days.

Dates and location

The Work Group will run across four sessions across the year.

**First session (online): 3.30pm - 5pm
Thursday 25th November 2021**

The facilitator will take into account the needs and logistics of the participants and respond accordingly in terms of timings and delivery of the following sessions.

The wider context

This project aims to offer high quality maths support for early career teachers, recognising the requirements of the ECF and the impact of Covid on their ITT experience. The ECF underpins what all early career teachers should be entitled to learn about and learn how to do based on expert guidance and the best available research evidence. The work in this project will be in line with this, with an emphasis on standards 2, 3 and 4.

How to apply

Please complete the London South West Maths Hub [online booking form](#) to secure a place in the Work Group.

If you require any more information please contact us by email to discuss your application.

admin@londonsouthwestmathshub.co.uk

What are the benefits?

Participants will:

- ✓ plan and teach a carefully sequenced and coherent area of maths
- ✓ appreciate the key ideas underpinning the area of maths being taught
- ✓ understand key principles and approaches associated with teaching for mastery
- ✓ understand approaches to assess students' prior learning, so that learning sequences take this into account
- ✓ make appropriate use of representations to expose the structure of the maths being taught
- ✓ collaborate and network with other ECTs across their Maths Hub.

Who can take part?

This programme is designed for secondary early career teachers (those in their **first or second** year of teaching).

What is the cost?

The SKTM – Secondary Early Career Teacher 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.

