

NEW TO TEACHING CORE MATHS PROGRAMME

A project to support those new to teaching Core Maths

The purpose of this programme is to support teachers who are new to teaching Core Maths in developing specialist knowledge for teaching Core Maths and to increase their confidence in teaching the course.

The programme has a primary focus on Core Maths subject knowledge and pedagogy and will be based on these six key themes which are common to all the Core Maths specifications:

- Using contextualised problem-solving
- Applying Fermi estimation and modelling
- Developing critical analysis
- Making sense of finance
- Using the pre-release materials
- Exploring statistics.



Apply

Technology and online teaching will be underlying themes throughout the programme.

This project involves a direct working partnership between the Maths Hubs Network and the Advanced Mathematics Support Programme (AMSP).

Who can take part?

This programme is for teachers who are new to teaching Core Maths for the first time and are teaching a Core Maths class during the Autumn and Spring terms of 2021 and 2022.

What is involved?

Programme participants will be expected to:

- Attend six online afternoon sessions
- Collaborate through an online community (Basecamp)
- Try out aspects of the programme back in your own setting and record reflections
- Contribute to Maths Hub and NCETM evaluation of programme

Dates

Session 1: Thursday 30th September (14:30 - 16:30)

Session 2: Thursday 18th November (14:30 - 16:30)

Session 3: Thursday 13th January (14:30- 16:30)

Session 4: Thursday 10th February (14:30 - 16:30)

Session 5: Thursday 31st March (14:30 - 16:30)

Session 6: Thursday 5th May (14:30 - 16:30)

What will you learn?

Participants will:

- apply related pedagogical approaches in their Core Maths teaching
- plan sequences of lessons to promote student understanding, confidence, and progress
- effectively teach some mathematical concepts and processes through contextualised problem-solving
- understand the philosophy of Core Maths, with its approach to maths through contextualised problem-solving
- develop their subject knowledge in these six areas: Contextualised problem solving; Fermi estimation and modelling; Critical analysis; Finance; Pre-release materials; Statistics
- develop their understanding of how online learning and technology can be used to support Core Maths teaching.

What is the cost?

The New to Teaching Core Maths project is **fully funded** by the Maths Hubs Programme and the AMSP so is **free** to participating schools/colleges.