

New to Teaching Core Maths Programme

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Maths Hub Network
Collaborative Projects
2023/24

Outline

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.

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

Details

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

What are the benefits?

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 the six key themes listed above
- develop their understanding of how online learning and technology can be used to support Core Maths teaching.

Who can take part?

This programme is for teachers who are new to teaching Core Maths and are teaching a Core Maths class during the Autumn and Spring terms of 2023 and 2024.

Workshop details

Workshops will take place online on the following dates:

| Date | Time |
|---|---------------|
| Thursday 12 th October 2023 | 16:00 – 18:00 |
| Thursday 23 rd November 2023 | 16:00 – 18:00 |
| Thursday 11 th January 2024 | 16:00 – 18:00 |
| Thursday 8 th February 2024 | 16:00 – 18:00 |
| Thursday 21 st March 2024 | 16:00 – 18:00 |
| Thursday 9 th May 2024 | 16:00 – 18:00 |

Fully funded by the Maths Hubs and the AMSP so is free to participating schools/colleges.

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

For further information, contact the Work Group Lead: jo.denton@amsp.org.uk