



## New to teaching Core Maths Programme

7th February 2022

### Overview

These programmes are no longer recruiting for 2021/2022. To register your interest for 2022/2023 please contact [your local Maths Hub](#).

These extended professional development programmes are run in partnership by Maths Hubs and the AMSP.

#### Primary focus: Core Maths pedagogy

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.

### Aims

- Participants will apply related pedagogical approaches in their Core Maths teaching and plan sequences of lessons to promote student understanding, confidence and progression
- 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

### Who will benefit from attending?

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.

## Content

Session	Date	Session times	Focus
1	07/02/2022	16:30 – 18:30	Applying Fermi estimation and modelling
2	09/03/2022	16:30 – 18:30	Exploring statistics
3	31/03/2022	16:30 – 18:30	Making sense of finance
4	05/05/2022	16:30 – 18:30	Using the pre-release materials
5	09/06/2022	16:30 – 18:30	Developing critical analysis
6	04/07/2022	16:30 – 18:30	Using contextualised problem-solving

This is the final opportunity for 2021/2022 to join a New to teaching Core Maths programme - open to teachers who are not currently enrolled in the programme.

## Other Information

Schools/colleges must be able to commit to the full academic year's programme. This involves a total of three days of face-to-face (or equivalent) support across the academic year, as well as classroom and school-based activity.

## Cost

State-funded schools, colleges and academies can participate in Work Groups for **free**.

Work Groups are hosted by  
**Key Facts**



Event ref:	#9451
Audience:	Teachers
Curriculum focus:	Core Maths
Event format:	Network meeting
Region:	National
Start date:	Mon 7th Feb 2022
Course times:	16:30 - 18:30
Fee:	Free

## Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/9451>