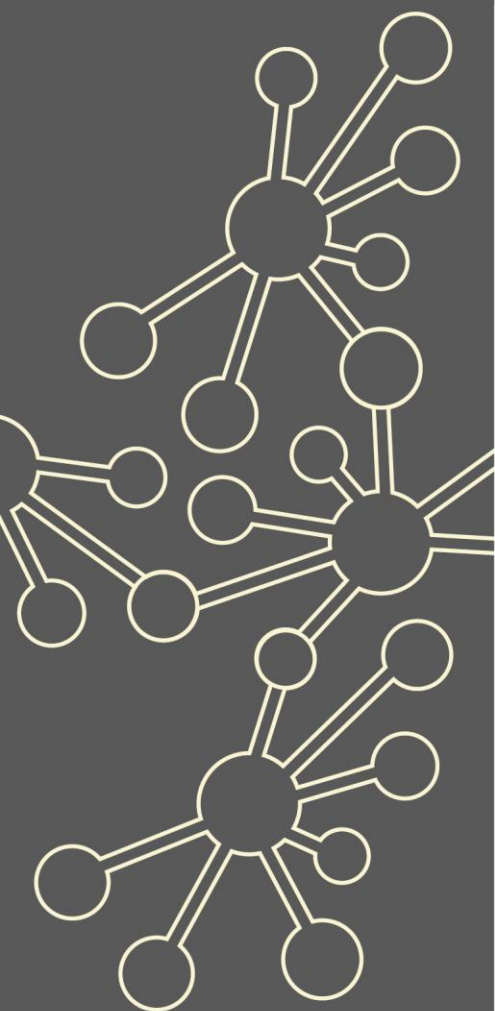


# New to Teaching Core Maths Programme

Maths Hubs Network  
Collaborative Projects  
2021/22

## NCP21-21



## Outline

The purpose of this programme is to support teachers 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.

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

## Details

### What is involved?

**Primary focus for 2021/22: Core Maths pedagogy**

You will need to attend three face to face whole day sessions in Truro (lunch will be provided).

### Who can take part?

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

### 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 these six areas: Contextualised problem solving; Fermi estimation and modelling; Critical analysis; Finance; Pre-release materials; Statistics

### What is the cost?

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

## 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.



## The wider context

This programme provides sustained support and a community of practice for teachers who are teaching Core Maths. This will provide support to complement the current AMSP Core Maths professional development offer.

## Expectations of participants and their schools

Participants must be able to commit to the full academic year's programme as described above. This involves a total of three days of face-to-face support across the two terms of the programme, as well as classroom and school-based activity.

## More details

### Dates:

Friday 5 November 2021, Wednesday 15 December 2021,  
Friday 4 March 2022 – all from 10-3 (lunch included)

### Signing up:

To join the group please click on the link below:

<https://forms.gle/4KVRcT8Fy1u4jhMz7>

### For more details:

please email

[deborahb@truro-penwith.ac.uk](mailto:deborahb@truro-penwith.ac.uk) or

[georgep@truro-penwith.ac.uk](mailto:georgep@truro-penwith.ac.uk)

