

# Supporting Core Maths

## Information Sheet

NCP18-17



### Overview

The success of Core Maths depends in part on the growth of the pool of teachers, schools and colleges with the necessary expertise, experience and enthusiasm to teach it. This project, run collaboratively by the Maths Hubs Network and the Advanced Mathematics Support Programme (AMSP), will contribute to the wider national effort to grow that pool, and embed Core Maths confidence and culture within school and college maths departments.

#### Who is this for?

All current and potential teachers of Core Maths. These may be teachers in post-16 settings whose main subject is maths or whose main subject is not maths and who are unable to access local TSST provision for Core Maths.

#### What is involved?

Through a number of face to face Work Group meetings, participating teachers will develop their practice to effectively teach mathematical concepts and processes through contextualised problem-solving, lead others in their own department to ensure an effective delivery of Core Maths courses, promote and deliver a Core Maths course in a way that engages qualified students. Participants will work collaboratively with other institutions using a school to school support model.

### Intended Outcomes

- Participants will understand the philosophy of Core Maths, with its approach to maths through contextualised problem-solving, appreciate the different Core Maths qualifications available and be able to choose the course appropriate for their students.
- Through collaboration and experimentation, participants will develop improved teaching approaches that fit the open-ended problem-solving skills students need to develop, and also share these with departmental colleagues.
- Participant departments will support the role of Core Maths in promoting contextualised problem-solving and links to other teaching.
- Students in participant schools and colleges will take and succeed at Core Maths in increasing numbers.

## The wider context

Collectively, the network of Maths Hubs across England work on projects around national maths education priority areas. One of those priorities requires Maths Hubs to work in close partnership with the Advanced Maths Support Programme to support schools and colleges in increasing participation, and improving teaching, in all areas of Level 3 maths, including Core Maths. Each Maths Hub participating in a national project runs a local Work Group, where teachers come together over a period of time to work on areas defined by the project. All Work Groups are subject to a common evaluation process, which collectively provides a body of evidence on the project's outcomes. So, your participation in this Work Group will contribute to your own professional learning, and that of your school colleagues, as well as making a contribution to the improvement of maths education at a national level. This Work Group extends work started in the 2017-2018 national project of the same name.

## Expectations of participants and their schools

- Attend face to face Work Group meetings amounting to three half-days plus a full day (in conjunction with AMSP).
- Partake in further in-school activity, for example, trialling teaching approaches, preparing resources to share, Lesson Study or further departmental professional development.
- Attend a student taster day with a group of year 10 students (optional)
- Contribute to Work Group evaluation processes.

## Dates and Times

16th January 2019 1pm – 4pm

27th February 2019 1pm – 4pm

19th June 2019 1pm – 4pm.

*All work group meetings take place at the Marriott Hotel, Metro Centre.*

*Lunch will be provided on arrival at 12.30pm, with the session starting at 1pm.*

Student event - Date and venue tbc.

## Funding

This Work Group is free to participants and run in partnership with the Advanced Maths Support Programme.

## If you're interested, what next?

Please use this link to book through eventbrite, or if you have any questions, please contact [laura.greener@ntlp.org.uk](mailto:laura.greener@ntlp.org.uk)

To Book: <https://gnmhcoremaths.eventbrite.co.uk>