

# Specialist Knowledge for Teaching Mathematics for Non-Specialists



This project is designed to support non-specialist teachers teaching maths in a secondary school in developing specialist knowledge for teaching mathematics, thus enabling them to understand, teach and support students in maths in the classroom.

## What is involved?

The programme is aligned to the NCETM teaching for mastery pedagogy and is based on six key themes:

- Structure of the number system
- Operating on number
- Multiplicative reasoning
- Sequences and graphs
- Statistics and probability
- Geometry.

Participants will explore these themes, supported by an experienced secondary practitioner. The programme is FULLY FUNDED by the Maths Hub.

## What will you learn?

Participants will:

- explore and increase their use of a range of pedagogic approaches consistent with teaching for mastery
- increase their confidence in planning progression in maths
- improve their subject and curriculum knowledge of secondary maths with a particular emphasis on mathematical structures in key areas.

## Who can take part?

Non-Specialist teachers of maths that are currently teaching some mathematics who have not undertaken initial teacher training in mathematics

**Due to demand we are delighted to offer two opportunities to join the programme.**

**Please see dates, venue and booking details below.**

**Sessions marked \* will take place online, and lunch will be provided at the face to face days.**

### SOUTH SHIELDS

Venue: Harton Academy.

- Session 1 - 3rd November 21 1.00pm-4.30pm
- Session 2 - 8th November 21 3.30pm-5pm\*
- Session 3 - 25th November 21 3.30pm-5pm\*
- Session 4 - 5th January 22 1.00pm-4.30pm
- Session 5 - 20th January 22 3.30pm-5pm\*
- Session 6 - 27th January 22 3.30pm-5pm\*
- Session 7 - 2nd March 22 1.00pm-4.30pm
- Session 8 - 17th March 22 3.30pm-5pm\*
- Session 9 - 24th March 22 3.30pm-5pm\*
- Session 10 - 4th May 22 1.00pm-4.30pm
- Session 11 - 19th May 22 3.30pm-5pm\*
- Session 12 - 26th May 22 3.30pm-5pm\*
- Session 13 - 8th June 22 1.00pm-4.30pm

Click [HERE](#) to book these dates

### NEWCASTLE

Venue: TBC Newcastle .

- Session 1 - 18th November 21 1.00pm-4.30pm
- Session 2 - 30th November 21 3.30pm-5pm\*
- Session 3 - 7th December 21 3.30pm-5pm\*
- Session 4 - 13th January 22 1.00pm-4.30pm
- Session 5 - 25th January 22 3.30pm-5pm\*
- Session 6 - 15th February 22 3.30pm-5pm\*
- Session 7 - 3rd March 22 1.00pm-4.30pm
- Session 8 - 15th March 22 3.30pm-5pm\*
- Session 9 - 29th March 22 3.30pm-5pm\*
- Session 10 - 28th April 22 1.00pm-4.30pm
- Session 11 - 10th May 22 3.30pm-5pm\*
- Session 12 - 24th May 22 3.30pm-5pm\*
- Session 13 - 16th June 22 1.00pm - 4.30pm

Click [HERE](#) to book these dates

## More questions?

This [VIDEO](#) provides a further some further information about the programme, but if you do have further questions, please do not hesitate to get in touch with us [greatnorthmathshub@gmail.com](mailto:greatnorthmathshub@gmail.com)