

Securing Foundations at Year 7

Who is it for?

For teachers working with Year 7 students who have not met age-related expectations, particularly those working in the bottom 20-30% of the national cohort at the end of KS2.

What is the focus?

This opportunity aims to provide professional development and resources for secondary maths teachers, so they are better equipped to support students with gaps in learning. Participants will develop their understanding of the KS1 and KS2 maths curriculum to enable students to access KS3 content.

Developing Fluency with Multiplicative Reasoning at KS3

Who is it for?

This opportunity is for two KS3 teachers from each school, at least one being an experienced teacher. One Work Group focuses on Year 7 content (open to all schools) and the other focuses on Year 8 content (for schools that have already taken part in the Year 7 Work Group).

What is the focus?

Participants will explore effective teaching approaches and use carefully-designed classroom resources with accompanying guidance materials, intended to equip them with strategies to promote mathematical fluency in their classrooms.

Secondary Mastery Specialist Programme

Who is it for?

This two-year programme is for secondary maths teachers who want to develop expertise in Teaching for Mastery (TfM) and support their school to introduce and embed mastery approaches.

In the third year and beyond, Mastery Specialists choose a strategic development focus and lead a resourced Teaching for Mastery Work Group within their own department.

What is the focus?

Participants will develop their own teaching and receive support in leading professional development within their department. Core areas include:

- Developing students' deep mathematical understanding
- Building expertise in TfM
- Leading professional development and supporting colleagues
- Exploring and embedding the NCETM's Essence of Mathematics Teaching for Mastery
- Observation of teaching and collaborative planning workshops
- Participants will also complete the NCETM Professional Development Lead Programme, gaining the knowledge and skills needed to lead effective CPD.

Secondary Teaching for Mastery Work Groups*

Who is it for?

Participants in these year-on-year Work Groups are Secondary Mastery Specialists or Advocates working with their own departments.

**Access to these Work Groups is subject to involvement with the Secondary Mastery Specialist Programme*

What is the focus?

This Work Group has an adaptable structure and resourced toolkit, enabling the Mastery Specialist to work impactfully with their colleagues to lead strategic change across the whole department.

Work Groups will focus on one of four key areas, depending on local priorities:

- Focus A: Developing mathematical thinking across a maths department
- Focus B: Developing collaborative planning/observation within maths departments
- Focus C: Developing an understanding of secondary teaching for mastery
- Focus D: Developing coherence across maths and science department

Teaching for mastery in maths

the secondary school pathway

Secondary Maths Subject Leaders Community

Who is it for?

Subject leaders underpin the success of the above Work Groups – this community is for secondary heads of department or subject leaders.

What is the focus?

This project helps maths leads collaborate with those driving improvement within their departments. There is a strong focus on implementation of pedagogy and strategic focus areas, so that all development work is coherent and impactful across the whole department.

