

Specialist Knowledge for Teaching Mathematics programmes

Early Career Teachers

Who is it for?

Secondary maths teachers in their second or third year of teaching.

What is the focus?

To support ECTs with mathematical subject knowledge and pedagogy.

Non-specialist Teachers

Who is it for?

Anyone teaching maths who did not undertake initial teacher training (ITT) in maths.

What is the focus?

To support non-specialist teachers with mathematical subject knowledge and pedagogy.

Teaching Assistants

Who is it for?

Teaching assistants who work predominantly with KS3 maths students, in a school that is engaged in a Teaching for Mastery Work Group.

What is the focus?

To support TAs with mathematical subject knowledge and pedagogy.

Securing Foundations at Year 7 Work Groups

Who is it for?

Teachers and TAs working with those Year 7 students who did not meet age-related expectations in maths in Year 6.

What is the focus?

Offering ways to help students who need additional support to make good progress in KS3 and beyond to secure foundational knowledge.

Developing Fluency with Multiplicative Reasoning at KS3 Work Groups

Who is it for?

Two KS3 teachers from each participating school, at least one of whom is an experienced teacher.

What is the focus?

Strengthen reasoning, fluency and confidence with multiplicative reasoning in Year 7 and Year 8.

Higher-level Maths Achievement Work Groups and Embedding the Impact

Who is it for?

Maths teachers in schools with a high proportion of students from disadvantaged backgrounds.

What is the focus?

Support for schools to raise attainment for disadvantaged students.

Secondary Mastery Specialist Programme

Who is it for?

Teachers with at least two years of maths teaching experience who want to lead change within their own school.

What is the focus?

The focus is on developing teachers' practice both in their own classroom aligned with the [NCETM's Essence of Teaching for Mastery](#), as well as developing them as leaders of professional development.

Secondary Teaching for Mastery Work Groups

Who is it for?

Schools that have a trained Secondary Mastery Specialist.

What is the focus?

The focus is on supporting participants to lead bespoke, high-quality professional development with their own departments aligned with the [NCETM's Essence of Teaching for Mastery](#).

Years 5-8 Continuity Work Groups

Who is it for?

Those who teach and/or have responsibility for the curriculum in any of Years 5-8.

What is the focus?

Focusing on an effective primary-to-secondary transition.

Supporting Students to Achieve a L2 Qualification in Maths Work Groups

Who is it for?

For teachers of GCSE Maths, and for those teaching GCSE Maths resit and/or Functional Skills Maths.

What is the focus?

Develop coherent teaching approaches across secondary and post-16.

Teaching for mastery in maths

the secondary school offer

Type of professional development activity:

Work Group

LLME Programme

SKTM Programme

Community

Secondary Maths Subject Leaders Community

Who is it for?

Secondary heads of maths.

What is the focus?

In order to maximise the impact of the professional development above it is expected that the leaders of the departments engaging in the offer join their local subject leader community. This community will offer support to those leaders with three distinct focuses: 1) Develop as a leader of a department 2) Implement pedagogical change 3) Address local needs. The community is co-led by a maths hub representative and an experienced subject leader.

 **MATHSHUBS**

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NATIONAL CENTRE FOR EXCELLENCE
IN THE TEACHING OF MATHEMATICS