

Primary Mathematics Teaching for Mastery Specialist Programme

The NCETM, working in conjunction with Maths Hubs, is seeking to recruit 140 expert primary school teachers to take part in an important new professional development programme to acquire the status of **Primary Mathematics Teaching for Mastery Specialist**, in order to lead the development of mastery teaching in primary schools within their Maths Hub area.

The programme is designed to develop the following knowledge and skills in participant teachers:

- Understanding of the principles of mastery within the context of teaching mathematics
- Deep subject knowledge of primary mathematics to support teaching for mastery
- The development of effective teaching techniques to support pupils in developing mastery of mathematics
- The ability to assess pupils for mastery
- The ability to support other teachers, and lead teacher research groups (*)

(*) A teacher research group (TRG) is a professional development activity attended by a group of teachers, with a specific focus on the design, delivery and learning within a jointly evaluated mathematics lesson.

Once fully trained, each one of these new specialist teachers will lead the professional development of further groups of teachers in schools within their hub area. Over time, this will spread the understanding of, and expertise in, teaching maths for mastery widely across the primary school system. Four participant teachers will be recruited in each Maths Hub area, so ensuring an even spread of new teaching and leadership capacity across the country.

Participation in the programme will entail around 12 days release time in the first year, and around 30 days out of school in the second year.

Participants who are not already NCETM Accredited PD Leads will also be able to gain this accreditation through successful completion of the programme.

The Programme

Year One: In the first year of the programme, each participant teacher will attend three two-day residential training events (October 2015, January 2016 and March 2016), and develop their own skills of teaching mathematics for mastery in their own class and or other classes in their own school. In addition, each teacher will lead regular teacher research groups (*) both for colleagues in their own school (eventually weekly) and for a group of up to ten teachers from neighbouring schools (half termly starting in January). The overall release time necessary for this will be 12 days.

Year Two: In the second year, the passing on of mastery teaching expertise will be expanded, so that each specialist will lead one weekly teacher research group in their own

school and a further five, separate half-termly groups, each for pairs of teachers from five other schools.

Year	Programme element	Release Time	Funding
Year One (2015/2016)	Participant's own training	3 x 2 days	<ul style="list-style-type: none"> • Training course and accommodation fully funded • Supply cover funded • Travel costs borne by school
	Participant-led TRGs	6 days (this includes some preparation time)	<ul style="list-style-type: none"> • Supply cover funded • Travel costs borne by school
Year Two (2016/2017)	Participant-led TRGS	30 days (one per half term for each of five separate TRGs)	Funded by charging fees to teachers/schools taking part in TRGs (guidance on fee levels will be given by NCETM)

Applicant criteria

The criteria outline below were to be evidenced, in both the applicant's statement and headteacher's reference

Essential	Desirable
Qualified Teacher Status	Additional Status, eg Mathematics SLE/MaST
Employed as a teacher in a Primary/Infant/Junior/Middle School	Mathematics Subject Leader
Able to fulfil the programme requirements and time commitment outlined above	
Good teaching skills in mathematics as evidenced by internal/external/Ofsted observation	A minimum of 2 years teaching primary mathematics
Passion and enthusiasm for teaching for mastery	A desire to develop as a specialist teacher of primary mathematics
Ability to work collaboratively with others	
Successful track record of working with other professionals effectively within your own school	Successful track record of working effectively with other professionals across a group of schools
Excellent communication and interpersonal skills	The ability to grow leadership capacity in others
An understanding of what constitutes effective learning in mathematics, and the ability and confidence to communicate this	

Commitment from applicant's school

The headteacher will be expected, on the application form, to demonstrate

- Commitment to the development of teaching for mastery across the school
- Commitment to release the applicant teacher to attend training and lead teacher research groups as outlined above.

Application Process

The selection process is being handled by the NCETM and Maths Hubs. Applicants were asked to download an application form and e-mail it to the NCETM by 5pm on Thursday 4 June 2015. The form asked applicants to state a first and second choice Maths Hub, through which the application were to be channelled. Details of Maths Hubs, and locations of lead schools, can be found at www.mathshubs.org.uk. The selection process will be completed by Friday 26 June.