

Primary Mathematics Teaching for Mastery Development Work Groups

Information and Application (2020/21)

Covid Recovery

The school year 2020/21 will be substantially affected by the impact of the coronavirus outbreak. The knock-on effects on school life and teachers' working lives can't be predicted with any certainty. So, all Maths Hubs work will be flexible and adapt to changing realities. There's likely to be more live online collaboration, often including use of video, for example. In addition, Work Group content will be adjusted to address schools' recovery from coronavirus-related disruption alongside work on the central maths subject matter of each project.

In 2020/21, all Maths Hubs will be running primary maths Teaching for Mastery Work Groups led by Mastery Specialists. This programme is for schools who have a commitment to developing a teaching for mastery approach. Although the school's participation involves two teachers attending events outside of the school, it is expected that these two teachers lead development across the whole school. Each Maths Hub is now seeking to recruit schools for Work Groups, each involving six or seven schools. This document gives information about the Work Groups and how schools can apply to be involved.

Background

Since 2014, the NCETM and Maths Hubs have been working together to develop [approaches to teaching for mastery](#) within primary maths. This has been partly informed by the teaching of maths in high performing South East Asian jurisdictions. In the last four years the NCETM and Maths Hubs have recruited teachers to participate in a Mastery Specialists development programme. Once trained, Mastery Specialists work with other schools in Teaching for Mastery Work Groups.

The Teaching for Mastery Development Work Groups

Each Work Group will be led by one of the Maths Hub's Mastery Specialists and involve six or seven primary schools. During the year, they will work closely together to introduce and develop approaches to teaching for mastery. The Work Group activity will include:

- Each school identifying two teachers to lead developments within their school
- The two teachers working together with the Mastery Specialist and teachers from the other Work Group schools in regular Teacher Research Group (TRG) style meetings and through an online community
- Each school receiving a termly support visit from the Mastery Specialist to observe teaching, support in-school TRGs, and work with the lead teachers and headteacher in developing an action plan for the school
- The head teacher working with the Mastery Specialist and other members of the Maths Hub's leadership team to develop whole school policies and structures to support teaching for mastery
- The lead teachers, supported by the headteacher, working with colleagues to develop teaching for mastery approaches in the classroom, supported by professional development activity including Teacher Research Group methods

- Following the first year, schools are expected to continue being part of the Work Group to firstly embed and then sustain a Teaching for Mastery approach across the whole school. These Work Groups will usually be led by the Mastery Specialist and will be supported by the Maths Hub to continue to work as a collaborative group that supports schools in their development of teaching for mastery.

Benefits for participating schools

Participating in the Work Group will provide the following benefits to participant schools:

- High quality support for teacher professional development for the lead teachers, facilitated by the Mastery Specialist
- Support for the headteacher in addressing leadership issues related to teaching for mastery from the Mastery Specialist and the Maths Hub's leadership
- Opportunity to work closely with other schools also developing teaching for mastery
- No charge for participation and a grant of £1000 to help subsidise teacher release time
- Financial help, should the school make the decision to purchase textbooks (subject to DfE confirmation).

Who can apply

The Work Groups are intended for schools that are already committed to using teaching for mastery approaches for primary maths. Schools should also have the capacity for engaging in significant development work during 2020/21.

Expectations of participating schools

Schools chosen to participate in the Work Group commit to the following expectations:

- The lead teachers will participate in the regular cross-school Work Group meetings with the Mastery Specialist (half-days) and make changes to maths teaching in their own classroom initially and beyond by the end of the year
- The lead teachers will receive a minimum of ten (combined) days' release time for development work including the above meetings
- The headteacher will meet with the Mastery Specialist and the Maths Hub's leadership as well as working with the other Work Group school headteachers
- The school will introduce teaching for mastery approaches across the school and establish TRG professional development models to support teacher development
- The school will provide any reports required by the Maths Hub and participate in any evaluation processes required
- The school will continue to collaborate with the schools in the Work Group for the year 2021/22 and beyond.

Funding

There is no charge to schools participating in the Work Group. Each school will receive a £1000 grant towards the cost of the required teacher release time and financial help towards the purchase of textbooks (subject to DfE confirmation).

How to apply

Schools interested in applying to be part of a Work Group in 2020/21 should complete the application form below and submit to their Maths Hub. Early applications are encouraged.

There is the opportunity to engage in the programme with other schools that you already work with, for example as part of an Academy Trust or local cluster of schools. **Each school must still make an individual application, but you can indicate on the application form the schools you would like to be placed with.**

Once the school has applied, the Maths Hub will then make contact with you to explain next steps.

Primary Mathematics Teaching for Mastery Work Group Application

(Please complete and return to your Maths Hub)

Maths Hub

Which Maths Hub are you applying to?	
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School details

Name of school			
Address			
School URN		Telephone	
Headteacher		Email	
Local Authority			

Details of lead teacher 1

Name		Teacher Reference no. (TRN)	
Email		Telephone	
School role/s including teaching group/s in 2020/21			

Details of lead teacher 2

Name		Teacher Reference no. (TRN)	
Email		Telephone	
School role/s including teaching group/s in 2020/21			

Headteacher statement

Please give details of why you wish the school to participate in the Work Group and your commitment to teaching for mastery approaches, including details of any existing engagement with these approaches (up to 250 words)

Group Applications

There is the opportunity to engage in the programme with other schools that you already work with, for example as part of an Academy Trust or local cluster of schools. **Each school must still make an individual application, but you can indicate below the schools you would like to be placed with.** Please note this request cannot be guaranteed but the Maths Hub will take it into consideration in the selection process

We wish to be considered as part of a group application: Yes/No
Please name the schools you would like to be placed with:
Please describe your relationship to the schools named above:

Confirmation of school commitment (electronic signatures)

If we are chosen to participate in the Work Group, we understand and commit to the following expectations:

- The lead teachers will participate in the regular, cross-school Work Group meetings with the Mastery Specialist (half-days) and contribute to the online community
- The lead teachers will receive a minimum of ten (combined) days' release time for development work including the above meetings
- The headteacher will meet with the Mastery Specialist and the Maths Hub's leadership as well as working with the other Work Group school headteachers

- The school will introduce teaching for mastery approaches across the school and establish TRG professional development models to support teacher development
- The school will provide any reports required by the Maths Hub and participate in any evaluation processes required
- The school will continue to collaborate with the Embedding and Sustaining Work Groups in 2021/22 and beyond.

Headteacher	<i>Signature of Headteacher</i>
Lead teacher 1	<i>Signature of Lead teacher 1</i>
Lead teacher 2	<i>Signature of Lead teacher 2</i>

(Note: When the form is emailed, please copy in all signatories as confirmation of their electronic signature)