

Primary Mathematics Teaching for Mastery Work Groups

Information (2018-20)

In 2018-19, all Maths Hubs will be running primary mathematics 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 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. The closing date for application is **Monday 4th June at 5pm**.

Background

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

The Teaching for Mastery 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 half-termly TRG 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 head teacher in developing an action plan for the school
- The head teacher working with the Mastery Specialist and other Maths Hub's leadership to develop whole school policies and structures to support teaching for mastery
- The lead teachers, supported by the head teacher, 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 the schools are expected to then continue being part of the Work Group. This Work Group will no longer be led by the Mastery Specialist but will be supported by the Maths Hub to continue to act as a network 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 head teacher 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
- Matched funding of £2000 to support the school in buying text books

Who can apply

The Work Groups are intended for schools that are already committed to using teaching for mastery approaches for primary mathematics. Schools should also have the capacity for engaging in significant development work during 2018-20. Schools that have already begun to engage with teaching for mastery are more likely to be prioritised by the Maths Hub.

Expectations of participating schools

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

- The lead teachers will participate in the half-termly, cross-school Work Group meetings with the Mastery Specialist (half-days) and complete gap tasks.
- The lead teachers will receive a minimum of 10 (combined) days release time for development work including the above meetings
- The head teacher will meet with the Mastery Specialist and the Maths Hub's leadership as well as working with the other Work Group school head teachers
- 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 network with the schools in the work group for the year 2018-19

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 £2000 matched funding for the purchase of textbooks.

How to apply

Schools interested in applying to be part of a Work Group in 2018-19 should complete the application form and submit to Cambridge Maths Hub by Monday 4th June at 5pm (Details of the Maths Hubs are given in the appendix.)

The Maths Hub will then make contact with you with more details about the selection process.

Appendix: Names of Maths Hubs and lead schools/colleges

Below is a list of the 35 Maths Hubs. Contact details for each Maths Hub can be found on the Maths Hubs Programme [website](#).

South West Region:

Cornwall and West Devon Maths Hub (Truro and Penwith College)
Jurassic Maths Hub (The Woodroffe School, Lyme Regis)
Boolean Maths Hub (Bristol Metropolitan Academy, Bristol)
GLOW Maths Hub (Balcarras Teaching School, Cheltenham)

West Midlands Region:

Central Maths Hub (Bishop Challoner Catholic College, Birmingham)
Salop and Herefordshire Maths Hub (The Priory School, Shrewsbury)
North Mids and Peaks Maths Hub (Painsley Catholic College, Cheadle, Staffordshire)

North West Region:

North West One Maths Hub (Altrincham Grammar School for Girls)
North West Two Maths Hub (Ashton on Mersey School, Manchester)
North West Three Maths Hub (St Helen's Teaching School Alliance)
North North West Maths Hub (Lancaster Royal Grammar School)

North East Region:

Great North Maths Hub (North Tyneside Learning Trust)
Archimedes NE Maths Hub (Carmel College, Darlington)

Yorkshire and the Humber Region:

Yorkshire Ridings Maths Hub (Harrogate Grammar School)
West Yorkshire Maths Hub (Trinity Academy, Halifax)
Yorkshire and the Humber Maths Hub (Outwood Grange Academies Trust, Wakefield)
South Yorkshire Maths Hub (Notre Dame High School, Sheffield)

East Midlands Region:

East Midlands West Maths Hub (George Spencer Academy & Technology College, Stapleford, Nottinghamshire)
East Midlands East Maths Hub (The Minster School, Southwell, Nottinghamshire)
East Midlands South Maths Hub (Beauchamp College, Oadby, Leicestershire)

East of England Region:

Enigma Maths Hub (Denbigh School, Milton Keynes)
Cambridge Maths Hub (Comberton Village College, Cambridge)
Matrix Essex and Herts Maths Hub (The Hertfordshire and Essex High School & Science College, Bishop's Stortford)
Norfolk and Suffolk Maths Hub (Sir Isaac Newton Sixth Form, Norwich with Kesgrave High School, Ipswich)

South East Region:

Bucks, Berks and Oxon Maths Hub (Wycombe High School, High Wycombe)
Surrey Plus Maths Hub (St John the Baptist Catholic Comprehensive School, Woking)
Solent Maths Hub (The Mary Rose Academy, Portsmouth)
Sussex Maths Hub (St Paul's Catholic College, Burgess Hill)
Kent and Medway Maths Hub (Sir Joseph Williamson's Mathematical School, Rochester)

London Region:

London North East Maths Hub (Elmhurst Primary School, Newham)
London Central and NW Maths Hub (The St. Marylebone CE School, Westminster)
London Central and West Maths Hub (Fox Primary School, Kensington & Chelsea)
London South West Maths Hub (Belleville Primary School with Chesterton Primary School, Wandsworth)
London Thames Maths Hub (Harris Federation, Croydon)
London South East Maths Hub (Redriff Primary School with City of London Academy, Southwark)