

The latest edition of our newsletter has just been released. Please either [download the pdf](#) or [view it online](#).

### **Mastering Number – Applications for Autumn 2024 Now Open**

This project aims to secure firm foundations in the development of good number sense for all children from Reception through to Year 1 and Year 2. The aim over time is that children will leave KS1 with fluency in calculation and a confidence and flexibility with number. Attention will be given to key knowledge and understanding needed in Reception classes, and progression through KS1 to support success in the future.



#### **Who can take part?**

Lead participants from Work Group schools will be three teachers – one each from Reception, Year 1 and Year 2 – known as Lead Teachers. Some support will also be given to subject leaders and headteachers. Where appropriate, Lead Teachers are expected to support the other teachers in their year group.

This programme and its Work Groups are open to all schools that have not yet engaged with the Mastering Number Programme.

#### **What is involved?**

This programme focuses on the key knowledge and understanding needed in Reception classes, and progression through KS1. Participating schools will receive central training (online) and a wealth of pupil-facing resources.

There is an expectation that schools will provide a daily teaching session for all children of 10 to 15 minutes, in addition to their normal maths lesson. Lead Teachers in schools will also contribute to an online community to share practice and engage in critical reflection.

#### **What will you learn?**

- Your pupils will be able to clearly communicate their mathematical ideas
- You will develop a secure understanding of how to build firm mathematical foundations
- You will work to develop intentional teaching strategies focused on developing fluency in calculation and number sense for all children
- You will develop understanding and use of appropriate manipulatives to support your teaching of mathematical structures

### What is the cost?

The Mastering Number Programme is fully funded by the Maths Hubs Programme so is free to participating schools. Schools taking part in the September 2024 start cohort of this programme may receive physical rekenreks prior to the start of the programme subject to availability from the DfE. Digital rekenreks are freely available online.

### What should you do next?

Applications for the next cohort of the Mastering Number Programme starting in Autumn 2024 are now open, [click here](#) to apply now.

### Years 5-8 Continuity – Work Group Starting March 2024

The BBO Maths Hub are running a transition programme designed to encourage collaborative working between primary and secondary schools in Maths in the Bucks and Berks area. This was a focus of the most recent Ofsted research review of Maths where it drew on good practice in this area. The report stated that primary schools need to ensure their pupils are truly secondary ready and prepare pupils sufficiently for KS3 and secondary schools must gain a good understanding of approaches and methods and the KS2 curriculum to build on prior knowledge effectively.

### Who can take part?

This project is for both primary and secondary schools. It may be particularly suitable for linked 'families' of schools: primary, secondary, etc. A 'family' could be a secondary school and their associated (feeder) primary schools or groups of schools from within a MAT. Lead participants should be teachers of Years 5-8, ideally with some responsibility for curriculum development.

### What is involved?

Work Groups in this project focus on curriculum and pedagogical continuity over Years 5 to 8. Participants will explore a selection of high-quality resources: Checkpoints, Multiplicative Reasoning and Algebraic Thinking materials.

A lesson study approach is encouraged where all participants focus on a particular aspect of the maths curriculum and work collaboratively to develop this in their schools. Cross-phase classroom observation and discussion of practice are encouraged wherever possible.

### What should you do next?

To join this FREE Work Group starting in March 2024, please [sign up here](#).

## Benefits

- Your pupils in KS2 and KS3 will demonstrate a positive attitude to maths
- You will make common use of approaches, representations and language across phases
- You will deepen your knowledge and understanding of the curriculum across KS2 and KS3 and the expectations of pupils at the end of each Key Stage
- You and your cross-phase colleagues will collaborate on issues of curriculum and pedagogy as a normal part of your schools' transition practice

The Work Groups are fully funded by the Maths Hubs Programme, so are free to participating schools.



## Applications Open to Join the Teaching for Mastery – Development Project in 2024/25

Every year, the Maths Hub looks to engage schools that have not yet begun the Teaching for Mastery journey in the project, and we are delighted to announce that applications have now opened to take part in 2024/25.

The Teaching for Mastery Programme is a professional development opportunity designed to support teachers in state-funded schools to develop best practice in maths in your school. It is suitable for schools interested in implementing a teaching for mastery approach to maths.

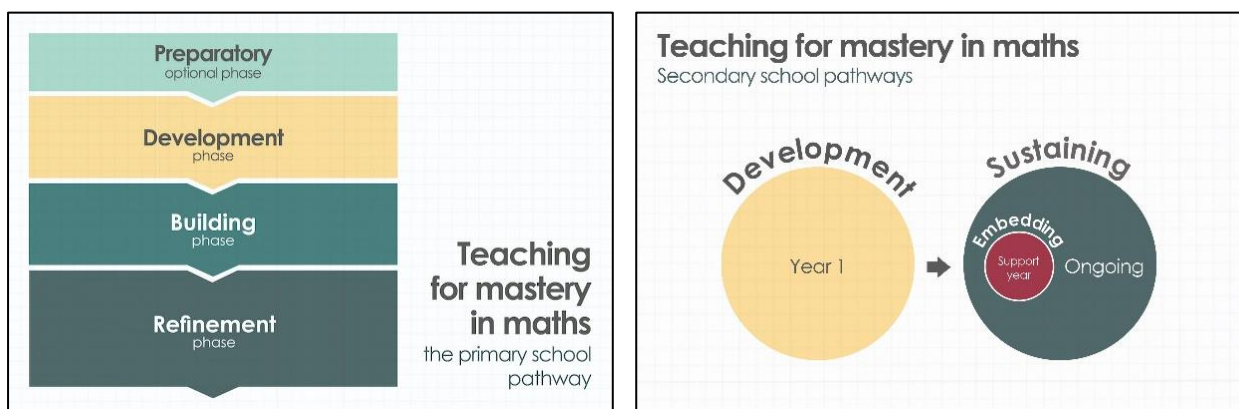
Mastering maths means pupils of all ages acquiring a deep, long-term, secure and adaptable understanding of the subject. The phrase ‘teaching for mastery’ describes the elements of classroom practice and school organisation that combine to give pupils the best chances of mastering maths. Achieving mastery means acquiring a solid enough understanding of the maths that’s been taught to enable pupils to move on to more advanced material.

There is a wealth of information about Mastery on the [NCETM website](#). To find out more about how your school can get involved in this fully funded project in 2024/25, head to the relevant page on our website using the links below:

[Primary Teaching for Mastery – Development](#)  
[Secondary Teaching for Mastery - Development](#)

For primary schools that are not quite ready to join the project yet, we also have the Mastery Readiness programme which will prepare for implementing a teaching for mastery approach. Find out more and apply via the following page:

[Primary Teaching for Mastery – Readiness](#)



## **MATHS CPD LEADERSHIP PROGRAMMES NOW RECRUITING**

We would also like to remind you about an opportunity to get involved in one of five programmes offered by the NCTEM and Maths Hubs designed to develop teachers as experts in teaching for mastery and the leadership of professional development.

### **What do the programmes involve?**

All the programmes are designed to develop teachers as local leaders of mathematics education (LLME), who lead various strands of activity of their Maths Hub at a local level.

The Primary Mastery Specialist Programme is now in its tenth year, and the Secondary Mastery Specialist Programme is in its ninth year; the programme to develop Further Education Mastery Specialists is entering its second year in 2024. All Mastery Specialists are classroom-based practitioners who develop teaching for mastery in their own classrooms and go on to lead Work Groups to support other schools or colleges and their teachers locally.

Professional Development Leads and School Development Leads are expert teachers of maths who have responsibility for maths-specific professional development beyond their own school.

### **How can you apply?**

Follow the links below to visit the webpage of the programme you are interested in applying for and download and read the information document. When you have secured the support of your headteacher/senior leader, complete the online application form. The closing date for applications is **Friday 29 March at 5pm**.

- [Primary Mastery Specialist](#)
- [Secondary Mastery Specialist](#)
- [Further Education Mastery Specialist](#)
- [Professional Development Lead](#)
- [School Development Lead](#).

We hope that these opportunities are of interest and look forward to working with you soon.

The BBO Maths Hub team.