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BBO MATHS HUB

Primary Work Groups

PRIMARY TEACHING FOR MASTERY – INTRODUCTORY WORK GROUPS

Are You Ready to Transform Maths Education in Your School?

Join our Teaching for Mastery programme and empower your teachers and pupils to achieve greater success in mathematics. By participating, your school will develop a collaborative learning culture, enhance professional development, and improve pupil outcomes in maths.



Who Should Get Involved?

This programme is designed for schools committed to embedding a teaching for mastery approach. Headteacher involvement is crucial—particularly during school visits and Work Group sessions—to ensure effective implementation. Each school will nominate a maths lead and an additional participant to take part in Work Groups and lead school-wide improvements. These participants must be empowered by their headteachers to implement and evaluate changes in policies and practice.

Lead participants will:

- ✓ Attend six half-termly, school-based Work Group sessions each year, facilitated by a Mastery Specialist.
- ✓ Be released from usual duties to participate in regular school visits across 2025/26 and 2026/27.
- ✓ Receive support from a Mastery Specialist each term, focusing on developing school systems that embed teaching for mastery.

Don't miss this opportunity to be part of a transformative journey that will empower your teachers and improve pupil outcomes. Register now and start embedding a lasting culture of success in maths across your school.

How to get involved

To find out more about how your school can get involved in this fully funded project in 2025-2026 and to read more details about the structure of the Work Groups and the time commitment, head to the relevant page on our website using the link below:

[Primary teaching for mastery - Introductory Work Groups](#)

PRIMARY TEACHING FOR MASTERY WORK GROUPS

Empower Pupils, Transform Practice, Strengthen Leadership

Support for schools to make teaching for mastery 'business as usual'. These Work Groups are for schools that have previously taken part in **Development**, **Embedding**, or **Sustaining** Work Groups. Each group brings together around 12 schools to collaborate deeply over time.



What will pupils gain?

- ✓ Develop high expectations of themselves as confident, capable mathematicians
- ✓ Show increased engagement and a positive attitude towards maths
- ✓ Experience well-structured, coherent lessons built on mastery principles
- ✓ Achieve greater depth of understanding, with fewer pupils falling behind age-related expectations

Whole-school impact:

Teachers and leaders will work together to:

- Strengthen their leadership of implementation and build a sustainable teaching for mastery culture
- Embed structures that support all teachers—wherever they are on their journey
- Create systems for high-quality professional development, including collaborative planning and subject knowledge enhancement

- Share best practice within and beyond their school
- Build system leadership capacity by collaborating with other schools

Work Groups are designed for year-on-year participation, helping your school stay committed to delivering excellent maths education for all pupils.

How to get involved

Please register your interest in joining a Teaching for Mastery Work Group in 2025-2026 via our website:

[Primary Teaching for Mastery Work Groups](#)

SPECIALIST KNOWLEDGE FOR TEACHING MATHEMATICS – PRIMARY EARLY CAREER TEACHERS

Develop mathematical subject knowledge and understand the pedagogy that underpins the teaching of it

Who Can Take Part?

This programme is designed for teachers in the early stages of their career—specifically those in their second or third year of teaching.

What's Involved?

Built to complement the Early Career Framework, this programme offers a maths-specific focus that goes beyond the statutory requirements. It supports Early Career Teachers (ECTs) in deepening both their subject knowledge and classroom practice.



Over the course of the programme, you'll take part in the equivalent of four days of interactive sessions. Between sessions, you'll apply your learning directly in the classroom by exploring carefully chosen maths tasks.

What Will You Gain?

- ✓ Deeper specialist knowledge of primary maths, aligned with Teaching for Mastery principles
- ✓ Practical strategies for task and lesson design, tailored to the needs of your pupils
- ✓ Greater pupil engagement, as learners begin to explain their thinking with confidence and clarity—evidence of genuine understanding

How to get involved

Bookings are now open for Group 1 on our website with dates for other groups coming soon. Please go to the following page for full details:

[Specialist Knowledge for Teaching Mathematics - Primary Early Career Teachers](#)

SPECIALIST KNOWLEDGE FOR TEACHING MATHEMATICS – PRIMARY TEACHERS

Develop mathematical subject knowledge and understand the pedagogy that underpins the teaching of it: Number Pathway 2025–2026

Who Can Take Part?

This pathway is designed for **primary teachers** who want to strengthen their expertise in teaching number and arithmetic. It may be particularly valuable if you:

- Have recently changed year groups or phases,
- Have had limited maths-specific training, or
- Simply want to deepen your subject and pedagogical knowledge in number.



What's Involved?

The **Number Pathway** focuses on developing both **subject knowledge** and **classroom practice** for teaching number across the primary years.

- Equivalent of **four days** of professional learning, spread across at least two terms.
- Ongoing opportunities to apply and refine new approaches in your classroom.
- Collaboration with colleagues to share experiences and reflect on impact.

What Will You Learn?

By taking part, you will:

- ✓ Help pupils build secure number sense and confidence in working with numbers.
- ✓ mathematical thinking clearly and accurately.
- ✓ Strengthen your understanding of progression in number and calculation across the primary years.
- ✓ Explore pedagogical approaches that enhance conceptual understanding, fluency, and reasoning in number.

How to get involved

Bookings are now open for the **Number Pathway**, which launches on 26th November. Please go to the following page for full details and to reserve your place:

[Specialist Knowledge for Teaching Mathematics - Primary Teachers](#)

Secondary Work Groups

SKTM: SECONDARY NON-SPECIALIST TEACHERS EEF TRIAL – FINAL CHANCE TO APPLY

Highly regarded professional development offering secondary non-specialist maths teachers valuable CPD focusing on subject knowledge and pedagogy

We are pleased to announce that our hub has been chosen to be part of an EEF trial for 2025/26 which will look closely at the impact of this programme on non-specialist teachers.

There are significant numbers of people teaching maths in secondary schools without specialist initial teacher training.



This programme supports non-specialist teachers in developing the specialist knowledge (the blend of subject knowledge and pedagogical knowledge) required for teaching maths. It is designed to take place over the equivalent of six days.

Applicants must be **non-specialist teachers of mathematics** in state-funded schools in England. A non-specialist teacher is defined as:

- ✓ A teacher currently teaching some mathematics or committed to doing so within the next year.
- ✓ Someone who has **not** undertaken Initial Teacher Training (ITT) in mathematics.

Schools can enrol two teachers, but at least one must be teaching a Year 8 class (if the class is shared, the non-specialist teacher needs to teach at least 50% of the lessons).

Supporting Teachers from Overseas:

In addition to the work covered in the Secondary Non-Specialists project, the BBO Hub is offering the chance for schools enrolled to also take advantage of an additional Work Group aimed at supporting maths teachers who were trained overseas.

Last academic year BBO Hub carried out research into how to support these teachers as they transition to teaching in the UK. Although experienced, these individuals are not

always used to the systems and general teaching pedagogies that teachers here are trained for in ITT and can benefit from help to develop these skills. For additional dates and more information on this optional extension to the Non-Specialists project, please see our website.

Last chance to get involved - applications close on the 18th September

This is a **fully funded** opportunity. For more information, please visit our website or [get in touch](#). Applications are open on our website via the link below. Once we have received your application, we will contact you with the next steps to take part in this trial.

Specialist Knowledge for Teaching Mathematics - Secondary Non-Specialist Teachers

SECURING FOUNDATIONS AT YEAR 7

Discover ways to help students who need additional support to make good progress in KS3 and beyond

Who is this for?

Are you teaching Year 7 students who didn't meet age-related expectations in maths at the end of primary school—particularly those in the lowest 20–30% nationally? Whether you're a new or experienced teacher, this fully funded programme is designed to support you in closing the gap for these learners.



What's involved?

Join us for three collaborative and practical sessions where you'll:

- ✓ Access expertly designed, high-quality resources tailored to support students with KS2 gaps.
- ✓ Strengthen your understanding of the maths curriculum and progression from KS1 to KS3.
- ✓ Develop strategies to help students access and succeed with the KS3 curriculum.
- ✓ Engage with research-informed approaches to support mathematical reasoning for all learners.
- ✓ Become part of a supportive professional learning community focused on improving practice.

What will you gain?

By the end of the programme, you will:

- See tangible progress in your students' ability to access and succeed in KS3 maths.
- Deepen your subject and pedagogical knowledge across KS1, KS2, and KS3.
- Explore and apply effective teaching strategies that help all students reason and think mathematically.
- Reflect on your teaching in a collaborative environment and refine your classroom practice.

How to get involved

Bookings are now open on our website to take part in this project which starts on 15th October. Reserve your place now via the link below:

[Securing Foundations at Year 7](#)

DEVELOPING FLUENCY WITH MULTIPLICATIVE REASONING AT KS3

Strengthen understanding and confidence in a key area of the KS3 (Year 7 and Year 8) maths curriculum

Are you a secondary school teacher in England passionate about improving maths education? This fully funded opportunity is open to schools looking to deepen their Key Stage 3 maths teaching and build stronger department-wide practice.



Who Can Take Part?

Secondary schools in England are invited to nominate **two KS3 teachers**, including **at least one experienced teacher**. Ideal for those keen to enhance their own classroom practice while supporting subject improvement across the department.

What's Involved?

Take part in a collaborative **professional learning community** focused on helping students build a deep, connected understanding of **multiplicative reasoning**.

- ✓ Work with other teachers to explore effective teaching strategies
- ✓ Access and use expertly-designed classroom resources and guidance

- ✓ Share experiences, plan together, and reflect on lesson design

Choose the right Work Group for your school:

- **Year 7 Focus** – open to all secondary schools
- **Year 8 Focus** – for schools that joined the Year 7 Work Group in 2024/25

What Will You Gain?

- Strategies to improve students' fluency, confidence, and reasoning
- Insight into key structures for teaching multiplicative reasoning
- A collaborative space to plan coherent, high-quality lessons
- Techniques to support all learners in thinking and communicating mathematically
- Access to high-quality, classroom-ready resources to build strong foundations for GCSE success

How to get involved

The Work Group begins on 17th October and bookings can be made on our website:

[Developing Fluency with Multiplicative Reasoning at KS3](#)

Post 16 Work Groups

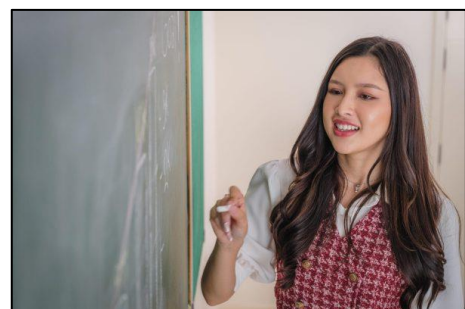
DEVELOPING A LEVEL PEDAGOGY

Supporting experienced A level teachers to not only further develop their expertise but provide a model to support departmental change.

Who Can Take Part?

This programme is open to established A level Maths teachers who want to deepen their pedagogical understanding. To take part, you must be teaching a current A level Maths group.

It will be especially valuable if you have already completed other A level subject knowledge or pedagogy CPD



What's Involved?

The Work Group focuses on strengthening teachers' pedagogical content knowledge, helping you to refine your classroom practice and positively influence A level teaching across your department.

You will:

- Design and trial new classroom activities
- Share experiences and reflect with peers
- Explore approaches that improve student understanding and outcomes in A level Maths

This project is a collaboration between the Maths Hubs Network and the Advanced Mathematics Support Programme (AMSP).

What Will You Gain?

By taking part, you will:

- Help your students develop deeper conceptual understanding of A level Maths
- Understand the role of the Overarching Themes (including technology) in effective teaching and learning
- See how teaching for mastery principles can be applied in A level classrooms
- Strengthen your own and your department's pedagogical content knowledge

How to get involved

The project launches on 22nd October. Book now on our website:

[Developing A Level Pedagogy](#)

We hope you find something of interest and look forward to working with you soon! For any general enquiries, please email us at: info@bbomathshub.org.uk

The BBO Maths Hub Team.