

# EARLY YEARS MATHS

Are you new to Early Years teaching?  
Or an experienced practitioner looking to incorporate research-based practice into your maths teaching?

Whatever your role or experience, we have a Work Group for you. Work Groups entail ongoing collaboration between teachers; each is led by an expert in maths professional development. They are locally based and form part of a national project. All are free to join with funding sometimes available to subsidise staff cover.

 **MathsHUBS**  
PROJECTS 2018-19

## WHICH FREE PROFESSIONAL DEVELOPMENT WORK GROUP WILL YOU JOIN THIS YEAR?

### HOW TO TAKE PART:

Simply visit [www.mathshubs.org.uk](http://www.mathshubs.org.uk) and contact your local Maths Hub to find out which projects you can get involved in during 2018-19.

### KEY CONCEPTS IN EARLY YEARS MATHEMATICAL DEVELOPMENT

This national project is aimed at those who are new to Early Years, or with limited EY maths experience and training.

This Work Group will focus on increasing practitioners' subject and pedagogical knowledge, ensuring they can deliver mathematical concepts with confidence. Participants will access high-quality Early Years professional development resources, including those produced to complement the CBeebies Numberblocks series.

### DEVELOPING RESEARCH-INFORMED PRACTICE

Experienced Early Years practitioners (3+ years) looking to develop their practice through research-based approaches are invited to take part in this Work Group.

Participants will focus on a particular theme in EY maths, review practice considering current research and explore implications. There will be an emphasis on developing participants' leadership capacity in maths across their setting.

### SUBJECT KNOWLEDGE ENHANCEMENT

There's more to subject knowledge than knowing how to do the maths yourself. This year, Maths Hubs are running Work Groups designed to enhance subject knowledge for both primary teachers, and for TAs working in primary schools.

# PRIMARY MATHS

Are you looking to introduce teaching for mastery in your school, or embed existing developments? Or are you a teaching assistant seeking to improve your subject knowledge?

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### TEACHING FOR MASTERY WORK GROUPS

#### Introducing Mastery

Primary Mastery Specialists who have taken part in national training will each lead a collaborative Work Group of 6 or 7 schools to develop their approach to teaching for mastery, as well as providing bespoke in-school support. Join this Work Group if your school is looking to develop highly effective whole school practice in maths.

#### Mastery Readiness

Not yet in a position to introduce teaching for mastery school wide? Become 'Mastery Ready' by accessing 5 workshops and regular high quality bespoke support from a trained Mastery Readiness Lead.

#### Developing Mastery

Teachers who have already started to embed teaching for mastery in their schools can join a Work Group to delve deeper into one of the issues this approach generates:

- **Improve lesson design:** explore use of textbooks and NCETM materials
- **Intervention for keep-up rather than catch-up:** explore a model in detail
- **Greater depth:** how can you improve opportunities for pupils to work at a greater depth?

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### Y5-Y8 CONTINUITY

Primary and secondary teachers collaborate to share representations and methods that become familiar to students and can be used across the transition.

### IMPROVING SEND PROVISION

Mainstream and special schools work together, exploring ways to improve SEND provision in maths through use of manipulatives, reasoning, and topics applicable to all students.