



## Mastering Number Programme for Reception and Key Stage 1

Angles Maths Hub is excited to be able to share details of the new National Centre for Excellence in the Teaching of Mathematics (NCETM) programme focusing on EYFS and KS1: Mastering Number.

This programme is a brand new and bespoke programme focusing on securing number fluency for our youngest learners and is particularly relevant following the impact of the pandemic on early number work.

Further information and details regarding the project are attached.

We also would suggest visiting the [NCETM Mastering Number website](#), where you can sign up to a **free information session** about the programme.

We hope you feel this new and exciting opportunity is one which your school would like be part of.

To secure your school's free place, simply complete [this short form](#). Places are allocated on a first come first served basis.

Due to the topical nature of this programme, it is already proving extremely popular with many schools. We would therefore strongly recommend completing your form as early as you can.

We look forward to working with you next year.

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**Develop pupils' fluency with and understanding of number to build firm foundations for future success in mathematics learning.**

This programme will develop solid number sense, including fluency and flexibility with number facts, which will have a lasting impact on future learning for all children. The programme will also involve high quality professional development for teachers.

**Participation on Mastering Number is free of charge to all schools**

## Work Group focus

The Mastering Number programme will work with Reception, Year 1 and Year 2 teacher, alongside Maths Subject Leads and Head Teachers to develop solid number sense in Reception and Key Stage 1.

The programme will provide teachers in Reception, Year 1 and Year 2 with resources to teach a daily 10-15 minute session to their pupils. These materials are designed to ensure that pupils develop fluency with, and understanding of, number that is crucial to future success in maths and academic progress more generally.

This professional development model will be delivered by an experienced team from the NCETM, led by the NCETM's Director of Primary Mathematics, Debbie Morgan and aims to sit alongside schools' continued in other Maths Hub mastery-based programmes.

## What will participating schools gain?

Participating schools will receive:

**High quality professional development** directed by the NCETM and facilitated by Angles Maths Hub

**Support and development via a collaborative, online community** with other schools in the Angles Maths Hub area and facilitated by a Work Group Lead

**Free resources** including coherent plans for the Mastering Number daily sessions in Reception, Year 1 and Year 2 and sets of the main concrete representation to support learning

## Expectations of participating schools

**Schools are expected to be represented by their Reception, Year 1 and Year 2 teachers** with the continued support of their maths subject lead/headteacher.

Participating schools will commit to:

**Introducing Mastering Number in all Reception, Year 1 and Year 2 classes**, in addition to their daily maths lesson

**Contributing regularly to their online community**, reflecting on the implementation and impact of the programme

**Engaging in all online professional development**, including five online, live sessions during the year (*dates to be confirmed*)

## What will the Work Groups achieve?

### Pupil outcomes

Pupils will:

- develop fluency in calculation and a confidence and flexibility with number that exemplifies good number sense
- be able to clearly communicate their mathematical ideas
- make good progress towards the Early Learning Goals and Year Group Expectations
- demonstrate a positive attitude towards maths
- demonstrate a willingness to 'have a go'

### Professional learning

Teachers will:

- develop skills in working in a professional learning community, reflecting with other colleagues on their own practice, and refining skills through support and challenge within a community
- develop a secure understanding of how to build firm mathematical foundations with a stronger subject and pedagogical understanding for EYFS and KS1
- secure an understanding of the mathematical expectations of the new Early Years Framework and the meaning of the Early Learning Goals

