

Developing Deep Mathematical Learning in Early Years - Notts (Subject Knowledge Focus)

NCP17-06a



Overview

This Work Group aims to ensure that Early Years practitioners have an awareness of the key concepts in Early Years maths provision and the opportunity to study one concept in greater detail. This concept will be developed through a focus on subject knowledge, how to plan for challenge, how to develop this provision across the setting and how to ensure professional learning is developed across all staff members in the provision. There will be the opportunity to share some examples of practice to contribute to a developing resource.

Who is this for?

School based practitioners leading the planning and provision of mathematics in Early Years (i.e. Nursery and/or Reception), particularly those who are not EYFS specialists.

What is involved?

Four days over the year with gap tasks between them to embed learning. Three days will be face-to-face training and one day will provide the opportunity to work with colleagues in other settings. There is the expectation that gap tasks will contribute to a resource that is being developed nationally.

Intended Outcomes

- For teachers to develop planning and provision for EY mathematics across their environment, using the pedagogies of EY best practice, to ensure that all children are provided with access to deep mathematical learning across the environment.
- For children to access a developed use of structured representations so that pupils are supported with fully exploring (and/or articulating) their mathematical ideas.
- We will also examine the importance of promoting a positive attitude to maths to encourage children's willingness to 'have a go'.

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There has, so far, been a clear primary/secondary focus via NCETM work on teaching for mastery, which has led to schools and teachers questioning how their Early Years provision is developing mathematical learning. The work undertaken in this Work Group seeks to ensure firm mathematical foundations, based on deep and connected understanding, are developed and embedded ready for Year 1 learning and beyond.

Expectations of participants and their schools

- Participants in this Work Group will be expected to attend all three face to face training days and one day to work with colleagues in other settings.
- Schools will be expected to release participating teachers for the four days set as above and provide support to enable them to complete gap tasks at school in between workshops.

Funding

There is no charge for teachers and schools to take part in this Work Group. All costs are met by Maths Hub funds, however we reserve the right to charge £15 for non-attendance.

Who is leading the Work Group?

Erica McGinley, Primary Mastery Specialist – East Midlands East Maths Hub

Workshop dates:

Thursday 30th November 2017, 9.30am to 3.30pm

Thursday 1st February 2018, 9.30am to 3.30pm

Wednesday 25th April 2018, 9.30am to 3.30pm

Additional date: Opportunity to work with colleagues in other settings (to be organised)

Venue

The Minster School, Nottingham Road, Southwell, Notts, NG25 0LG

If I'm interested, what next?

To reserve your place please use the link below to our online booking system. For further information please contact Julie Naidu, Maths Hub Administrator, j.naidu@minster.notts.sch.uk tel: 01636 817 377.

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