

Specialist Knowledge for Teaching Mathematics in Early Years



This project is designed to support Early Years teachers in developing specialist knowledge for teaching mathematics, thus enabling them to understand, teach and support pupils in maths in the classroom.

"The course has allowed me to reflect upon the opportunities I give my children to develop their maths and simple but effective ways I can do so within my provision."

What is involved?

There are two types of SKTM Early Years pathways:

- Pathway One: Number Patterns and Structures
- Pathway Two: Pattern, Shape, Space and Measures.

Each pathway has three core elements, three associated pedagogy sessions, and a task to support the transition from theory to practice. There is also a final core unit that aims to review quality provision. The intention is that each pathway is the equivalent of a four-day programme.

What are the benefits?

Participants will:

- ✓ Develop enhanced maths subject knowledge with a particular emphasis on developmental progression in the Early Years to ensure sequences of learning are cohesive
- ✓ Consider the learning opportunities and pedagogical approaches across the wider provision – reviewing and enhancing the opportunities to promote mathematical learning across the provision.

Who can take part?

These programmes are designed for individuals who would like to develop their specialist knowledge for teaching maths to three to five years olds. This may be particularly relevant for NQTs, teachers that have not received maths-specific training.

"Lots of useful links to some fantastic websites and lists of stories. Also shared ideas and experiences between the practitioners from different schools are very useful"

Covid-19 Recovery

Many positive lessons were learnt from online collaboration during Maths Hubs activity in 2020/21. These will be built upon in 2021/22. As the impact of the pandemic hopefully recedes, the result for our work will be a blend of face-to-face activities and frequent online collaboration.

"Thank you very much ... so helpful, supportive and helped me develop and meet new colleagues"

More questions?

Our Deputy hub lead Lindsey Hassan will be more than happy to discuss this with you, or answer any questions that you may have. Please get in touch to arrange a meeting: greatnorthmathshub@gmail.com

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