

Specialist Knowledge for Teaching Maths (SKTM) for Early Years Teachers



Our Work Groups this year will address student and schools recovery due to coronavirus-related disruption in addition to the main Work Group objectives. It is recognised that Work Groups may need to be adapted and offer some flexibility in order for schools and participants to complete the work required. To support the current position in schools, **sessions will initially be held online via Zoom.**

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

This Work Group is designed to support Early Years teachers in developing specialist knowledge for teaching mathematics, thus enabling them to understand, teach and support pupils with their mathematics across the provision. There are two types of SKTM Early Year's pathway. This Work Group will follow Pathway One: Number Patterns and Structures. Pathway Two: Pattern, Shape, Space and Measures will be offered next year.

Who is this Work Group for?

This programme is designed for individuals who would like to develop their specialist knowledge for teaching maths to three to five year olds. This may be particularly relevant for NQTs, teachers that have moved phases or teachers that have not received maths-specific training. If your school is currently more focused on preparing for teaching for mastery, you may want to consider engaging with our 'Building Firm Mathematical Foundations in Reception' Work Group. **We ask that, where possible, two teachers attend from each school as this will have greatest impact.**

What is the cost?

The Work Group is **fully funded** by the Maths Hubs Programme and so is **free** to participating schools.

Aims of the work group

Participants and their schools 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.

What is involved?

The four workshops will initially be held online, with school-based tasks for participants to complete and reflect upon between each meeting.

Session	Date	(9.30 - 11.30 am) then (1.30 - 3.00 pm)
1	23 March 2021	Research, Routines, Cardinality and Counting
2	27 April 2021	Comparison and Games
3	25 May 2021	Composition and mark making
4	22 June 2021	Teaching for Mastery, Reflection and evaluation of Action Research

Expectations of participants and their schools - Schools must be able to commit to the full academic year's programme, with senior leadership releasing the same nominated teacher(s) for a total of four workshops and to support them in completing the gap tasks and wider staff engagement, between each workshop. The department will also support participating teachers to summarise the impact of Work Group participation as part of the professional development and Work Group evaluation.

Participants who successfully complete the Work Group will be awarded an SKTM Certificate. All materials, lessons observed and case studies will form a comprehensive professional development package for schools to download and use to enhance other practitioners' subject knowledge.

To book your place on this work group please click [HERE](#)

For further information please e-mail booleanmathshub@clf.cabot.ac.uk