

**Network Collaborative Projects 2019-20 NCP 19-24**

## **Specialist Knowledge for Teaching Mathematics Programmes Early Years**



**Patterns of Success:  
Laying Strong Foundations for Deep Mathematical  
Thinking in the Early Years Through Pattern, Shape,  
Space and Measure**

**Participants will develop their mathematical subject knowledge in conjunction with understanding the pedagogy that underpins the teaching of it. Understanding of mathematical structures will be explored so participants gain a detailed understanding of how children learn early mathematical concepts.**

### **What is involved:**

Classroom practice will develop through a series of gap tasks where participants try out activities to promote depth of understanding, reasoning and fluency; these might include pupil interviews, lesson study and work scrutiny. Research and evidence are used to inform practice and participants are encouraged to share these more widely in schools to support discussion on current policies and approach.

**Target Audience:** The programme is aimed at Early Years practitioners in Kingston, Merton, Richmond, Sutton and Wandsworth who would like to develop their specialist knowledge for teaching mathematics. This may be particularly relevant for teachers new to teaching mathematics.

**All sessions will run from 09:30 - 14:30**

**Day 1 - Tuesday 26th November 2019**

**Day 2 - Tuesday 4th February 2020**

**Day 3 - Tuesday 28th April 2020**

**Expectations:** Participants are expected to be working as Early Years practitioners. Participants are expected to attend all the sessions and complete gap tasks in their schools between the sessions. They will also be asked to keep a learning log for their own use and contribute to the national evaluation process, through a short online survey after the Work Group has finished.

**Location:** The Orchard School, Bridge Road, East Molesey, Surrey, KT8 9HT

**Work Group Lead:** Paige Tynegate

**Cost:** FREE

**Contact Hub Administrator Lesley Dibbens by email: [admin@london southwest mathshub.co.uk](mailto:admin@london southwest mathshub.co.uk) to book a place to participate in this Work Group.**