



# EYFS & Y1 Mathematics

## Professional Development Programme



### Making Numbers | Building Firm Foundations in Arithmetic

The course will offer teachers and teaching assistants advice on how to use manipulatives based on the leaders' Nuffield funded research project 'Using manipulatives in the foundations of arithmetic'. It will draw on their recently published book 'Making Numbers' and all participating teachers will receive a copy of the book as well as a pack of resources to use with children. Led by experts with decades of experience in primary mathematics education.

The 4 half-day session practical courses will offer participants the opportunity to engage with a range of challenging activities and consider how in which they contribute to children's understanding of arithmetic.

Session 1: Counting

Session 2: Comparison

Session 3: Composition

Session 4: Moving between concrete and symbolic representations

Each workshop will offer participants the opportunity to develop confidence with a range of tasks that they will be able to take back into their classrooms and use with children. The expectation is that participants will then discuss their observations of their own presentation of the tasks as well as the children's responses in the following session.

#### 4 Session Professional Development

##### Dates

Thursday 19th April

Thursday 17<sup>th</sup> May

Thursday 7<sup>th</sup> June

Thursday 21<sup>st</sup> June

##### Time

13:00 – 16:00

##### Course Suitability

EYFS – Y1 Primary Teachers, Maths Subject Leaders, Senior Leaders, SEN Teachers, Teaching Assistants

##### Cost

£200

##### Tutors

Sue Gifford, Jenni Back

##### Venue

University of Cambridge Primary School,  
Eddington Avenue, Cambridge CB3 0QZ



Dr Sue Gifford is principal lecturer in mathematics education at University of Roehampton. She is a leading authority in early years maths teaching and advisor to ACME, ATM and NRich.



Dr Jenni Back is a primary mathematics expert and advisor on mathematics education. She has been a Senior Lecturer in Mathematics Education, a primary mathematics coordinator and author for NRich and Associate Director for NCETM.



