# Improving Mathematics Programme for Cross Phase Teaching Assistants

# Improving and developing mathematical subject expertise.

# **Course Outline**

This programme ensures that teaching assistants, are prepared for supporting the most vulnerable learners with the fundamentals of mathematics. We focus on developing pupils' mathematical ability and confidence without having to resort to memorising procedures. A key thread to this programme is developing conceptual understanding through the concrete-pictorial-abstract (CPA) approach, a key learning principle behind the success of mathematics in Singapore.

### By the end of the course participants will:-

- gain a deeper understanding of how children learn mathematics
- develop knowledge and confidence in subject
  expertise
- discover the concrete, pictorial, abstract (CPA) approach
- understand the progression and strategies in teaching the four operations
- be equipped with a variety of activities to use back in school.

#### Phase

Primary and Secondary

#### Audience TAs and HLTAs

Trainer Rose Keating

#### Dates

17/10/2016 14/11/2016 12/12/2016 *Delegates must attend all 3 sessions* 

**Time** 09:30 - 16.00

#### Venue

Norwich Professional Development Centre

Cost £500 per delegate

## Course Ref TLS-1016-T055



For more information and to make a booking www.educatorsolutions.org.uk or call 01603 307710