

# Mathematics Knowledge for NQTs & NQT+1

**Understand how to use curiosity and creativity to develop children's math skills in fluency, reasoning and problem solving as required by the national curriculum.**

## Course Outline

Mathematics 2-day course to explore strategies for developing children's mental and written calculation skills through practical ideas to maximise participation and deepen conceptual understanding.

There will be an opportunity to examine research-based representations of beadstrings, counters, Cuisenaire rods, Numicon and Dienes blocks.

The course also offers strategies for developing problem solving and reasoning skills across the mathematics curriculum, whilst promoting deeper learning and inspiring children to become confident mathematicians.

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

- explore strategies for promoting active involvement and for improving children's confidence in mathematics
- gain practical ideas for making mathematics meaningful and enjoyable
- deepen subject knowledge in key aspects of calculation and proportional reasoning
- experience a range of pedagogical approaches and resources for developing children's ability, explain and reason leading to generalising and solving problems.

## Phase

Primary

## Audience

NQTs & NQT+1

## Trainer

Anna Hogg

## Dates

03/01/2018 and 31/01/2018

***Delegates must attend both sessions***

## Time

9:30 am – 4:00 pm

## Venue

Norwich Professional Development Centre

## Cost

£330 per delegate

## Course Ref

TLS-0917-T021



**For more information and to make a booking**

**[www.educatorsolutions.org.uk](http://www.educatorsolutions.org.uk) or call 01603 307710**