

Mathematics Programme Pre or New NQT Subject Knowledge

How can a teacher engage all children in mathematics, whilst promoting curiosity, creativity and calculation skills through the national curriculum expectation of fluency, reasoning and problem solving?

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 be 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,
Returners to Teaching

Trainers
Alison Borthwick and
Anna Hogg

Dates
30/08/2016 and
31/08/2016 - *delegates
must attend both days*

Time
9:30 am – 4:00 pm

Venue
Norwich Professional
Development Centre

Cost
£300 per delegate

Course Ref
TLS-0816-T001

