

Mathematics Toolkit: Fluency, reasoning and problem solving

Pupils need to become fluent, reason mathematically and solve problems to become confident mathematicians of the future.

Course Outline

Do you know that the National Curriculum 2014 for Mathematics has three aims that should be at the heart of how you interpret the content of the curriculum? Do you have the clear understanding of mathematical fluency, reasoning and problem solving?

Do you have the subject knowledge, pedagogical approaches and confidence to deliver the National Curriculum through the three aims?

This course will provide up to date information about the new curriculum that will enable learners to make connections within mathematics and how it links to the world around us.

By the end of the course participants will:-

- develop an awareness of how to create learning experiences that make rich connections across mathematical ideas to develop fluency, mathematical reasoning and confidence.
- explore fluency within the fundamentals of mathematics through increasingly complex problems.
- increase their understanding of how to develop the skills of reasoning.
- widen their experience of solving problems using creativity and curiosity.

Phase

Primary and Secondary

Audience

All staff

Trainer

Alison Borthwick

Date

21/04/2017

Time

9:30 am – 4:00 pm

Venue

Norwich Professional Development Centre

Cost

£165 per delegate

This course can be delivered in clusters or to individual schools as three twilights.

Please contact enquiry@educatorsolutions.org.uk to discuss and plan cluster options.

Course Ref

TLS-0417-T002



For more information and to make a booking

www.educatorsolutions.org.uk or call 01603 307710