

Teaching
and
Learning

Norfolk Integrated Education
Advisory Services (NIEAS)

Mathematics Toolkit: fluency, reasoning and problem solving



“Pupils need to become fluent, reason mathematically and solve problems.”

Do you know that the new National Curriculum for mathematics has three aims that should be at the heart of how you interpret the content of the curriculum?

Do you have a clear understanding of the three aims of the new mathematics curriculum?

Do you have the knowledge, pedagogy and strategies to deliver the three aims through all the objectives in the curriculum?

This course is an opportunity for schools to ensure all their teachers have a good level of subject expertise to deliver the new national curriculum for mathematics.

Delegates will

- develop an awareness of how to create learning experiences that make rich connections across mathematical ideas to develop fluency, mathematical reasoning and competence.
- explore fluency in the fundamentals of mathematics through increasingly complex problems
- increase their understanding of reasoning mathematically
- widen their experience of solving problems by applying mathematics to a variety of routine and non-routine problems.

Date and Time:	02/09/14 from 9.30 am - 4.00 pm	
Venue:	Norwich Professional Development Centre	
Course Ref:	EPHF6	
Cost:	Up to 4 delegates per school/partnership	£300
	Up to 8 delegates per school/partnership	£500

For more information and to make a booking

 cpd.norfolk.gov.uk/sdms or  nieastraining@norfolk.gov.uk