

## Mathematics: Specific Topic Sessions

### Course Context/Audience:

These courses are designed to develop subject knowledge through consideration of key mathematical concepts. Elements relating to progression, the use of models and images, assessment for learning and contexts through which to teach each of the key concepts will be included. Attendance at individual events or a combination of any/all is possible.

### Objectives:

These courses aim to:

- Develop personal subject knowledge through consideration of key mathematical concepts
- Focus on the links between areas of mathematics
- Consider knowledge of progression in and assessment of key mathematical ideas
- Consider appropriate models and images to support the understanding of key mathematical concepts
- Consider planning for the teaching and learning of each concept through appropriate contexts

**Course Leader/s:** Primary Strategy Advisers

### Important information:

- Content of these sessions is likely to be similar to some of the content in the core subject focused training so please DO NOT book the same members of staff onto both
- Where delegates attend a morning and afternoon session, lunch will be provided

**Cost:** £78 per delegate, per session

### Topic 1 – Mental Mathematics

Date	Time	Venue	Course Code	Event Ref.
4 <sup>th</sup> November 2010	09:00 – 12:00	Hethel Engineering Centre	EPMR5	A
11 <sup>th</sup> November 2010	09:00 – 12:00	West Norfolk PDC	EPMR5	B

### Topic 2 – Fractions, Decimals, Percentages, Ratio and Proportion

Date	Time	Venue	Course Code	Event Ref.
4 <sup>th</sup> November 2010	13:00 – 16:00	Hethel Engineering Centre	EPMR6	A
11 <sup>th</sup> November 2010	13:00 – 16:00	West Norfolk PDC	EPMR6	B

### Topic 3 – Written Calculations

Date	Time	Venue	Course Code	Event Ref.
24 <sup>th</sup> November 2010	09:00 – 12:00	Hethel Engineering Centre	EPMR7	A
16 <sup>th</sup> November 2010	09:00 – 12:00	West Norfolk PDC	EPMR7	B

#### Topic 4 – Shape and Space

Date	Time	Venue	Course Code	Event Ref.
24 <sup>th</sup> November 2010	13:00 – 16:00	Hethel Engineering Centre	EPMS1	A
16 <sup>th</sup> November 2010	13:00 – 16:00	West Norfolk PDC	EPMS1	B

#### Topic 5 – Using and Applying Mathematics

Date	Time	Venue	Course Code	Event Ref.
1 <sup>st</sup> February 2011	09:00 – 12:00	Norwich PDC	EPMR8	A
4 <sup>th</sup> February 2011	09:00 – 12:00	West Norfolk PDC	EPMR8	B

#### Topic 6 – Number and Algebra

Date	Time	Venue	Course Code	Event Ref.
1 <sup>st</sup> February 2011	13:00 – 16:00	Norwich PDC	EPMR9	A
4 <sup>th</sup> February 2011	13:00 – 16:00	West Norfolk PDC	EPMR9	B

### How to book

To apply for a place on this activity please visit our website at:

<http://www.cpd.norfolk.gov.uk/sdms/>

or

Email: [danielle.youngs@norfolk.gov.uk](mailto:danielle.youngs@norfolk.gov.uk)