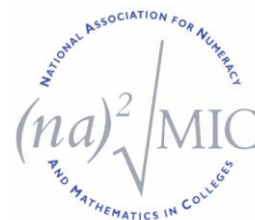


# The Newsletter of the National Association for Numeracy and Mathematics in Colleges



An association for all in the Lifelong Learning Sector

“This has to be one of the best sources of info for teachers of maths in FE. I love the new website too.” Jane Imrie – Deputy Director of the National Centre for Excellence in the Teaching of Mathematics

## Late Spring 2013

### NANAMIC Conference - July

Celebrating Mathematics Teaching with  
NANAMIC and Malcolm Swan



The 20<sup>th</sup> NANAMIC  
Annual Conference  
will take place in  
Derby on  
Wednesday 3<sup>rd</sup> July.  
More details about

the presenters and workshops are given at the end of this newsletter.

Many of the presenters are back by request following successful workshops last year and we also have presenters who are new to our conference.

The content of this year's conference will not only be of interest to current maths specialists but also those who are moving into teaching maths for the first time, perhaps as part of vocational courses, and those who are moving from teaching Skills for Life or Functional Maths to teaching GCSE.

Please circulate the information about the conference to anyone within your organisation who may be interested in attending.

### Conference on Mentoring

The Institute of Education is working together with the Gatsby Charitable Foundation to deliver a free, one-day conference which they hope to run in early June bringing together education practitioners, policymakers and researchers to discuss mentoring for Science, Technology, Engineering and Mathematics (STEM) teachers and trainee teachers working in the post-compulsory sector. The event will build on initial research into experiences of mentoring within STEM teaching and the support available to teachers. Following the successful completion of this research (which focused on experiences in and around London), they are keen to explore whether the findings resonate more widely within the STEM community across the UK.

They want to involve a wide range of participants to ensure that voices from across the sector are represented. The conference provides an excellent chance for attendees to influence the national agenda around mentoring within STEM teaching, hopefully providing direct benefits to both teachers and students of Mathematics in the long term through improved support to teachers.

If you would like to know more about this, contact Matt Fox, Project Manager, Business & Enterprise Team, Institute of Education, University of London. Tel: 020 7911 5351  
[BusinessDevelopment@ioe.ac.uk](mailto:BusinessDevelopment@ioe.ac.uk)

## New A Level Structure

Charlie Stripp, MEI Chief Executive, has asked us to circulate a paper about the new structure of AS and A Level Maths and Further Maths. It was written following a meeting with DfE representatives at which MEI asked for clarification about the future structure of AS qualifications in Mathematics and Further Mathematics. The paper was published on the MEI and FMSP websites on Friday 19 April. It was approved by the DfE before publication. The paper can be read on the MEI website at <http://www.mei.org.uk/files/pdf/clarifying-statement-AS-Maths-FM.pdf>.

## New Course for Non-Specialists

We are currently developing a course designed for non-maths specialists who are starting to teach maths as part of their vocational or A-level courses. This course will look at innovative ways to integrate maths into the curriculum, give guidance on resources and model good practice in maths teaching.

If you would be interested in hearing more about this course please contact the administrator [admin@nanamic.org](mailto:admin@nanamic.org)

## New Teaching Qualifications



Having now completed the development work for new qualifications, LSIS has produced a guide for providers of initial teacher education, entitled [Teaching and Training Qualifications for the Further Education and Skills Sector in England \(2013\) Guidance for initial teacher education providers](#), which introduces the new teaching qualifications and explores the implications for teacher educators. For further details please visit the [LSIS website](#)

## Additional £25m for schools and colleges that don't currently provide further maths A level

Education Minister Elizabeth Truss has announced that funding for the Further Mathematics Support Programme (FMSP) is being expanded to £25million over five years.

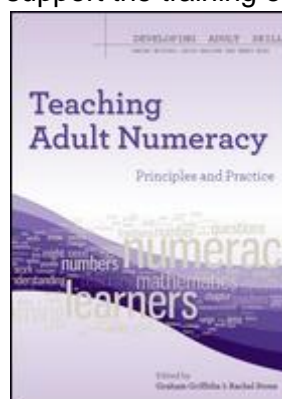
The key aim of the FMSP is to increase the number of students studying further mathematics A level. Funding is used to target schools and colleges where no students are currently taking further mathematics, providing support to improve and extend their mathematics provision.

The FMSP started in March 2009, when funding was £1.5million a year. Since then, funding has increased to £1.75million a year in 2011, £3.25million a year in 2012, and £3.5million a year in 2013. In 2014/15, and for the next five years, the FMSP will be funded at £5million per annum.

Further details are available on the [DfE website](#)

## Teaching Adult Numeracy Book

This summer sees the launch of a new text to support the training of adult numeracy



teachers. The book will be published by Open University Press, is edited by Graham Griffiths and Rachel Stone, and contains contributions from Jackie Ashton, John Barton, Carolyn Brooks, Martyn Edwards, Janette Gibney, David

Holloway, David Kaye, Beth Kelly, Barbara Newmarch, Helen Oughton, David Prinn, Diana Spurr and Rebecca Woolley.

<http://mcgraw-hill.co.uk/html/0335246826.html>

## NCETM Post-16 GCSE Mathematics Enhancement Programme

From January to March 2013, the NCETM brought together a team of experienced practitioners, including some from NANAMIC, to produce four CPD packages. The packages have been designed to provide a short 'upskilling' programme for those who are planning to teach GCSE Mathematics. The project was funded by the Department for Education to support the increased numbers of those in the age group 16-19 who will be expected to study mathematics following the Wolf recommendations.

Data suggests that almost half those who at 16 achieve a grade D currently do not continue to study mathematics. One concern is that there are not enough teachers to deal with the increased participation. The packages will support those who have trained to teach adult numeracy / functional skills to deal with those topics in the higher tier. The four modules are Algebra, Geometry, Trigonometry and Statistics and were piloted with 21 colleges.

The National Centre for Excellence in Teaching Mathematics is in discussion with various stakeholders and the DfE about how to roll out these modules more widely. Watch out for further details on the [NANAMIC website](#).

## British Congress of Mathematics Education

This event takes place every 4 years and next year's is entitled:  
Building Bridges - Making Connections  
It will take place at:  
The East Midlands Conference Centre  
University of Nottingham  
Monday 14 to Thursday 17 April 2014

The website for this, BCME8, is on-line at [www.bcme8.org](http://www.bcme8.org)

## Improving Learning in Mathematics and Thinking Through Maths

Many new teachers may not be aware of these resources. They are well worth looking at as they provide a lot of activities and ideas that can be adapted for learners at different levels and in different settings.

**Thinking Through Maths** resources are available on the NCETM website  
<https://www.ncetm.org.uk/online-cpd-modules/ttm>

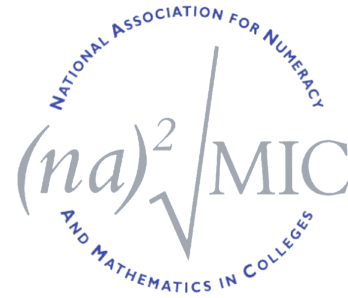
**Improving Learning in Mathematics** is available on the STEM website  
<https://www.nationalstemcentre.org.uk>

You will need to register FREE with both of these sites to access the materials, but this will also give you access to more resources and information.

## ALM 20: 'Critical Moments in Adult Mathematics'

The next international conference of **Adults Learning Mathematics - a research forum (ALM)** will be held in Wales at the University of Wales, Newport on the **1 - 4 July 2013**.

The final day will have a strong practitioner focus and be open to single day delegates. NANAMIC will be running some workshops on the practitioner day.



**“Celebrating Mathematics Teaching with NANAMIC and Malcolm Swan”**

at

**The Derby Conference Centre**

on

**Wednesday 3rd July 2013**

**Keynote Speaker**

***Professor Malcolm Swan***

**Come and celebrate with us.**

**members £135, non- members £155**

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### **Workshops include:**

- Fiona Allan: Using language patterns and body language to improve learner performance
- Viv Brown: Viv's Top Ten
- Joan Ashley: Making Elementary Algebra Accessible
- Richard Phillips: 'Problem Pictures'
- Joe Murray: Rich Tasks
- Louise Orpin: The OR Society