



NANAMIC Update October 2017

NANAMIC membership – update information

It has been decided that the NANAMIC membership year will now operate from January to December. This means that those who join to attend the July conferences will be members until the end of that calendar year. Those who join now will have membership until 31 December 2018.

Opportunities for you to have your say

We would encourage you to provide feedback to the Department of Education, Ofqual and the Joint Mathematical Council.

For those who teach Functional Skills:

The Department for Education has launched a consultation on the [subject content](#), which closes on 7 November. In addition, Ofqual has launched a [policy consultation](#) about the approach to regulating reformed Functional Skills qualifications, which closes on 22 November. NANAMIC will be providing input as an association.

For those who teach GCSE mathematics re-sits or who teach A Level maths:

The Joint Mathematical Council would like to know if you have noticed any changes in the students who have taken the new GCSE Maths compared with students who took the previous version. Are they better/worse/the same in their ability? What about their attitude to mathematics? Please email any comment or responses to consultation@nanamic.org.uk by 31 October.

Smith Review

We were delighted to welcome the long-awaited [Smith Review](#) just after our conferences. As contributors to the review we received this summary from the Department for Education

In March 2016, Professor Sir Adrian Smith was asked to undertake, on behalf of HMT and DfE, a review of 16-18 mathematics education. Prompted by the increasing importance of mathematical and quantitative skills to the future UK workforce and the relatively low level of student participation in continuing mathematics education post-16 in England, the report identifies a strong case for raising participation in post-16 mathematics and improving skills, and sets out a programme of recommendations to take us towards a high participation system.

The report is structured under four broad headings:

- *the appropriate range of 16-18 mathematics pathways needed;*
- *the factors that encourage or discourage individual students to participate;*
- *levels of attainment and progression;*
- *the capacity to deliver, both in terms of provision of courses and teaching capability.*

Sir Adrian is clear about the fundamental importance of basic mathematical and quantitative skills, not just to the country but also to the individual, and the report presents strong evidence for their value to all students, whichever route they take. The report recognises that there are a number of systemic challenges that currently hold back participation in mathematics post-16, and it sets out recommendations to address them. The recommendations cover the following broad themes:

- *Work to improve participation in level 3 mathematics qualifications, including new core maths qualifications, and develop the capability and capacity of the workforce.*
- *Designing technical routes that have mathematical and quantitative skills at their core.*
- *Improving outcomes for students yet to achieve a standard pass (grade 4) or above in GCSE mathematics.*

The review also comments on the wider issues that influence attitudes towards mathematics in society and students' perceptions of it. These issues go far beyond the 16-18 period of education that is the review's main focus.

Alongside the launch of the review, we have published our letter responding to Sir Adrian. It welcomes Professor Sir Adrian Smith's review and recommendations, recognising that the generational issues that Sir Adrian outlines will require further detailed engagement and action between government, industry and schools and colleges. The letter also highlights several immediate actions:

- *a new £16m Level 3 Maths Support Programme, which will work with schools and colleges to improve maths education and increase participation and attainment in 16-18 mathematics;*
- *the ongoing reforms to Functional Skills qualifications;*
- *the development of a robust technical education system, for which we are working with employers to ensure that the new routes include mathematics where employers identify this as a requirement for employment;*
- *the current generous financial incentives for those training to teach priority subjects such as mathematics;*
- *work with partners such as the Royal Society and British Academy to encourage universities and employers to better signal the value of level 3 mathematics qualifications for entry to undergraduate courses with a significant quantitative element and for a wide range of job roles.*

Addressing the issues raised by the report and its recommendations is a priority for the government and publication is the beginning of a process to support greater numbers of pupils to participate and succeed in post-16 mathematics. We look forward to working with you in doing this.

NANAMIC membership

Being a member of NANAMIC is very cheap at only £20 per year. As a member, you can attend any of our events, including either of our annual conferences. As mentioned in our previous newsletter, we no longer have an administrator; however, Sally Barton is our membership secretary and, in the next few weeks, she will be contacting current and previous members to **let you know what information we hold about you** on our database.

If you are interested in joining NANAMIC, please complete the [application form](#) on our website and email it to admin@nanamic.org.uk.

The easiest way to pay your membership is by credit/debit card using our PayPal. The link on the webpage is set-up to automatically renew your membership each year.

Boost your favourite charity's funds (including NANAMIC)

Have you booked your holidays yet? Do you use Bookings.com or Hotels.com? Do you book train tickets? Do you shop online at one of the large supermarkets or Boots, Amazon, Ebay or Argos?

Join "[Give as you live](#)" for free and choose to support any UK charity, including NANAMIC. Shop online as normal. Just go to your favourite websites through the giveasyoulive site, and your chosen charity will receive a percentage for free. Use it all year round and make a difference.

NCETM Secondary Newsletter

The latest NCETM [newsletter](#) can be viewed on the NCETC website. (You will need to register (free) and log in.) It contains articles on exam results, the Smith Review into post-16 maths, Core Maths and Underground Mathematics.

The latest **NCETM Secondary and FE** [magazine](#) can be viewed on the same website.

Education and Training Foundation

ETF News is available [here](#). It contains details of their courses and QTLS. You also need to contact them if you are interested in becoming a member of the Society for Education and Training ([SET](#)) or in obtaining Advanced Teacher Status ([ATS](#)).

MEI Mathematics in Education and Industry

The latest MEI Newsletter is available [here](#).

STEM Learning

The National STEM Centre's latest Secondary and FE Newsletter can be found [here](#).

Free Events for new teachers of A Level Maths

The Institute of Education (London) is offering a free 3-day course for Maths Teachers who have only recently started teaching A Level Maths. Advanced Mathematics Teaching in Early Career 9-11 April. Follow this [link](#) for details.

BCME9

Plans are being put in place for the next British Congress of Mathematics Education (BCME), a once every 4 years event. It will be held at Warwick University 3 - 6 April 2018. The latest information is available on the [BCME9 webpage](#). If you would like to print off a flyer to share with your organisation, you can find one on the [NANAMIC website](#).

Publishers

We were delighted to welcome a number of exhibitors to our conferences this year. NANAMIC does **not** endorse these companies and their products but are pleased to pass on their contact information.

[The OR Society](#)

[MEI](#)

[Hodder Education](#)

[Oxford University Press](#)

[Cambridge University Press](#)

[Tarquin Group](#)

[Chartwell-Yorke](#)

NEWS EXTRA

NANAMIC continues to be active on twitter. Please follow us @NanamicCio for the latest news, updates and events.

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