

The National Association for Numeracy and Mathematics in Colleges (NANAMIC) provides professional development for numeracy and mathematics teachers and is a voice for the post-16 learning and skills sector.

September 2020

NANAMIC Update

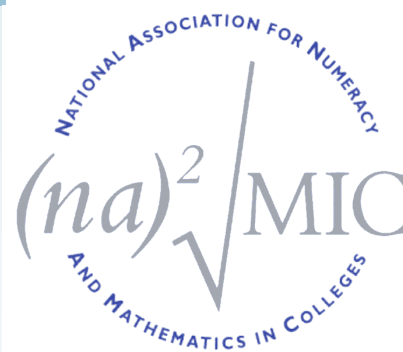
September 2020

Thoughts from the chair

Welcome to the new academic year. The past year has been 'interesting' and the new year promises to be equally as challenging and unpredictable. However, one thing I am sure about is that, from my experience of seeing mathematics taught in a wide variety of settings, maths teachers tend to be 'can do' people who do their best to support their students to achieve their potential.

Although there has obviously been a huge interest in schools' education, because of the debacle over the A Level and GCSE results, there have been further statements regarding Further Education. Robert Halfon, chair of the Education Select Committee continues to support the post-16 sector and in July, Gavin Williamson, the Education Secretary, made an important statement on Further Education. The video can be seen [here](#). Unfortunately, we will have to wait and see what happens at the next cabinet reshuffle.

The government also announced in July that colleges, sixth forms and all 16-19 providers will be eligible for additional funding for small group tutoring to disadvantaged students. Further details can be found [here](#). There are still plenty of opportunities for free input from the AMSP and opportunities to network through your local Maths Hubs. Check out what is available local to you and get involved. The ETF continues to offer support and NANAMIC can offer bespoke courses for your organisation.



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National Centre
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Teaching of Mathematics

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We feature updates from national maths bodies

- NCETM
- ETF
- MEI
- STEM



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Thank you to those who joined our Zoom-based AGM in July. The accounts and trustees' report were approved and can be found on the [Charity Commission website](#).

At the meeting we reappointed as trustees Anne Fieldhouse, Andrew Davies and Patrick Wyatt. We were aware that Patrick was ill; however, Patrick has since died. I have paid tribute to Patrick elsewhere in this newsletter.

The University of Leeds has been carrying out research into Core Mathematics and has recently published its report. The details can be found [here](#) along with the [report](#) in the Times Educational Supplement.

We are planning to have a conference in July 2021 but we need to see how things settle over the coming months.

We wish you all the best for the coming year. Keep safe and continue to provide the teaching and support to your learners that the sector has come to expect.

John Barton
Chair

The AMSP has more than 40 Area Coordinators throughout England. Area Coordinators work with schools and colleges in their area to:

- support and promote the study of Core Maths, AS/A level Mathematics and Further Mathematics
- arrange AS/A level Further Mathematics tuition for students when their schools and colleges cannot provide it themselves
- organise enrichment events for Key Stage 3, Key Stage 4 and Key Stage 5 students, often involving links with local universities and employers
- Provide a wide range of flexible professional development opportunities for teachers

Additional support is available to schools/colleges located in AMSP Priority Areas.

Visit: amsp.org.uk



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NCETM primary and secondary PD

You can view the NCETM September issue [on their website](#).

Education and Training Foundation courses

The latest newsletter is available [here](#).

Skills for life network

The latest newsletter is available [here](#).

MEI Mathematics in Education and Industry

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

CfEM Centres for Excellence in Maths

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

STEM Learning

The National STEM Centre's latest newsletter can be found [here](#).

Cambridge Assessment Newsletter

The latest Newsletter is available [here](#)

FREE Open University introductory courses to functional skills

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As a registered charity NANAMIC is able to reclaim tax on your subscriptions for the past 4 years, if you paid them yourself and if you pay income tax. Please complete [the form](#) to allow us to do so. It will only take you 1 minute.

Have your say

Do you have a viewpoint you would like to share through our bi-monthly newsletter? Then send it as an editable document (e.g. Word) to :

[newsletter@nanamic.org.uk](#)

We will publish those we consider may be helpful to the post-16 mathematics community.

NANAMIC is pleased to recommend a free resource produced by our friends at the Mathematical Association

Equals Online - Mathematics and Special Educational Needs is the Mathematical Association's termly SEND publication and is available free at <https://www.m-a.org.uk/equals-online>

Classroom teachers need the best support to develop good practice in line with current initiatives and it is our aim to provide this support in a number of practical ways. **Equals Online** is a valuable resource for those working to ensure that all will benefit from mathematics.

Equals Online is produced by teachers and curriculum/SEN specialists dedicated to opening up mathematics to low attainers. In practical terms, it provides advice and guidance through the exchange of ideas to help teachers reveal the excitement and applicability of mathematics to those who have, in the past, found the subject inaccessible and/or irrelevant.

We can offer specific support and help but we are primarily concerned with teachers sharing good practice, experience and ideas. To this end we welcome submissions from colleagues who have ideas or activities that they feel need trying out or sharing. Updates on issues affecting practice, book reviews, practical ideas and resources are just some of the features of **Equals Online**

Every year since 1597 Gresham College have a series of mathematics lectures which are open to the public. This year at least the first two of these will be taking place on line. Here are the provisional details for the year.

This year's series of lectures by Professor Sarah Hart (Birkbeck as well as Gresham!) is about [Mathematics in Music and Writing](#): see below. (They are hoping to reintroduce live audiences as the year goes on.)

1. [The Mathematics of Musical Composition](#), 13 October 2020, 1pm-2pm / online
2. [The Sound of Mathematics](#), 17 November 2020, 1pm-2pm, / online
3. [The Mathematics of Bell Ringing](#), 5 January 2021, 1pm-2pm, Museum of London/ online
4. [Mathematical Journeys into Fictional Worlds](#), 9 February 2021, 1pm-2pm, Museum of London/ online
5. [Mathematical Structure in Fiction](#), 9 March 2021, 1pm-2pm Museum of London/ online
6. [Where do Mathematical Symbols come from?](#) 27 April 2021, 1pm-2pm, Museum of London/ online



If you would like to hear more about their lectures, you can sign up to a monthly newsletter here: gres.hm/schools Their online archive includes lectures by Professor John D Barrow and Professor Chris Budd, who's especially strong on the application of Mathematics. Some lectures are pulled out here: <https://www.gresham.ac.uk/schools/maths>

Patrick Wyatt

I first met Patrick when he joined the Level 5 Diploma in Teaching Mathematics: Numeracy, which I was leading at Selby College. He was a committed student who was teaching at Barnsley College at the time. Part of my role was to observe him teaching a maths lesson and to give him feedback.

Two of the lessons were memorable, one because of a 'challenging' student who arrived late, and the other for a large group of 'disengaged' young people (14-15 year olds) who were all busily working on an activity. Patrick had taken an idea from the NCETM Maths resit course, which he also attended, and made it appropriate for his learners. The activity was The Factors and Multiples Puzzle which he had enlarged so that the students could complete it on the floor. He also supplied bags of coins for them to be able to calculate square and triangular numbers. I was very impressed with his adaptation to meet the needs of his audience.

In October 2015 Patrick was co-opted onto the NANAMIC Committee and then he became a trustee in 2017. It is always good to have practitioners on the committee as they are able to bring a different perspective from those who are in leadership. Patrick's contributions were valued by all of us.

John Barton

While NANAMIC does not endorse any particular product, from time to time we are happy to provide you with details of resources, especially if they are free. Some members have said how happy they have been to use Quizlet for GCSE Mathematics resit. They also cover A Level Maths. You can check it out yourself at <https://quizlet.com/en-gb>

We have been contacted by the Society for Industrial and Applied Mathematics (SIAM) about MathWorks Math Modelling (M3) Challenge. For the first time they are welcoming sixth formers from England and Wales to participate in this competition. They state, 'the one top ranking team from England and Wales will be invited **with expenses paid** to experience the M3 final event in New York City, regardless of whether they actually fall into that "finalist" category, as an introductory event for our friends across the sea. We hope this will be a good incentive for registration and participation.'

The challenge will be launched in October with the final taking place in April. If you are interested in being involved, please register your interest [here](#)

If you do decide to get involved we would appreciate you letting us know by emailing admin@nanamic.org.uk with the Subject: SIAM Challenge.

You can check out their website here: <https://m3challenge.siam.org/>



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.

NEWS EXTRA

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

National Association for Numeracy and Mathematics in Colleges CIO

Email admin@nanamic.org.uk

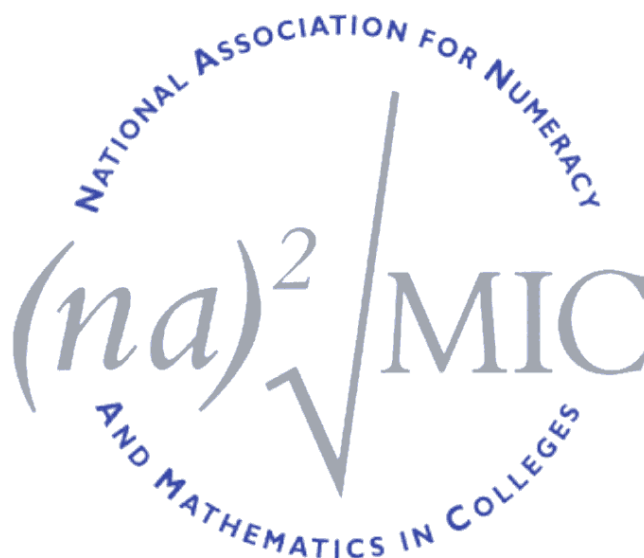
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If you are interested in joining NANAMIC please complete the application form on our [website](http://www.nanamic.org.uk) and email it to admin@nanamic.org.uk.

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.



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