



November enews

President's Blog

Are you signed up to our President Dr Colin Foster's educational **blog**? He addresses issues of interest and relevance across the entire range of mathematics, from early years to university.

Upcoming blogs

- 10 November: Is area more difficult than volume?
- 24 November: Fraction factors

Follow Colin on Twitter: [@colinfoster77](https://twitter.com/colinfoster77)



[Register for Dr Colin Foster's blog](#)

President's Events

- **5 November:** Presenting at British Society for Research into Learning Mathematics, Institute of Education - Faculty of Education and Society, University College London.
- **9 November:** Presentation on 'What is a maths anxious teacher supposed to do?' - Maths Anxiety Trust, Westminster, London.
- **17 November:** Keynote on 'Evidence-based mathematics instruction'. Co-op Academies Trust, Head of Mathematics Event, Manchester.

Learning Times Tables by Dr Colin Foster

Dr Colin Foster has devised '*Learning Times Tables Through Systematic Connections*'.

Would you like to try out and provide feedback on a different approach to teaching the multiplication tables with your pupils? **Register** your details and Dr Colin Foster will get back to you with more details.

[Register for Leading Times Tables](#)



Dr Chris Pritchard gives Presidential Address

Dr Chris Pritchard's Presidential address is now available to read in 'The Mathematical Gazette' titled "Focus on the visual".

[Read now](#)

ATM/MA response to the Ofsted Aide Memoire

Representing two professional associations, the ATM and MA have formulated a response to the Ofsted



Aide Memoire: Guidance and Training Materials for a Deep Dive in Mathematics.

[Read now](#)

Black HEROES of Maths

1770-1790
Thomas Fuller
 Thomas Fuller, known as the Virginia Calculator, was an enslaved man in America, born and living educated in several states. He was considered a mathematical genius in a number of instances.

1770-1800
Benjamin Banneker
 Benjamin Banneker was an African American mathematician, astronomer, and naturalist. He is thought to have developed from the 18th through the 19th century an independent understanding of arithmetic, geometry, astronomy and the movement of planets to the year ahead.

1800-1850
Euphemia Holmes
 Euphemia Holmes was an African American mathematician and astronomer. She was the first African American to earn a PhD in mathematics, in 1911.

1850-1900
Robert Colwell
 Robert Colwell was the first Black person in history to receive a PhD in mathematics, in 1900. He worked at the Princeton Observatory for 10 years, to further astronomical studies. He came from the South after the Reconstruction period to fight in the First World War.

1900-1950
William Scarborough Claytor
 William Scarborough Claytor was the first African American to get a PhD in mathematics and the first Black man to hold a Ph.D. in mathematics. He was a student of Eminent One, a member of Andrew Johnson's cabinet, and later worked with David Hilbert.

1900-1950
Clotilda Vaughan
 Clotilda Vaughan was a mathematician and business computer for NASA. She was head of a program that developed code for NASA's computers. She was the first African American woman to work for NASA, and she was the first African American woman to work for NASA's Space Shuttle program. She was also the first African American woman to work for NASA's Space Shuttle program.

1950-2000
Virginia Lee Brannon
 Virginia Lee Brannon was one of the first African American women to receive a PhD in mathematics. She worked with mathematicians, including her husband, and taught and researched at North Carolina College for thirty years.

1950-2000
Katherine Johnson
 Katherine Johnson was a NASA mathematician from the 1950s until the 1980s. She worked on the Apollo program and was the first African American woman to work for NASA. She was also the first African American woman to work for NASA's Space Shuttle program.

1950-2000
David Blackman
 David Blackman was the first African American to receive a PhD in mathematics, and only the second African American to receive a PhD in mathematics. He was a statistician and mathematician who worked on game theory probability theory, combinatorics, and the theory of the probability of Bayesian statistics.

2000-2010
Harry Jackson
 Harry Jackson is best remembered as NASA's first Black female engineer. During the 1970s, he worked for the Space Shuttle program. He was the first African American to work for NASA's Space Shuttle program.

2000-2010
Grace Allen Williams
 Grace Allen Williams was the first African American woman to receive a PhD in mathematics. She worked with mathematicians, including her husband, and taught and researched at North Carolina College for thirty years.

2010-2020
Janet Emory Williams
 Janet Emory Williams is a child prodigy at the age of 11, he was the youngest ever student to attend at the University of Chicago. He became a member of the Phi Kappa Phi Honor Society. He was also a member of the Phi Kappa Phi Honor Society. He was also a member of the Phi Kappa Phi Honor Society.

2010-2020
Kate Chubb
 Kate Chubb is a Black British mathematician.

2020-Present
Avulika Mathambalam
 Avulika Mathambalam is a professor of mathematical and computational science. She works in applied mathematics, and she is the first African American woman to work for NASA's Space Shuttle program.

2020-Present
Malini Govindarajan
 Malini Govindarajan is a mathematician who works in applied mathematics, and she is the first African American woman to work for NASA's Space Shuttle program.

Dr Nira Chamberlain OBE rounds up Black History Month

Dr Nira Chamberlain OBE recently wrote an article for the MA on “Black History Month” which celebrated the theme “**Time for Change: Action, Not Words**” during October. You can read the full article on the [MA website!](#)

Many congratulations to Dr Nira Chamberlain OBE who recently received his medal for services to mathematical sciences!

Dr Chamberlain said "I feel very humbled and honoured be recognise for my services to mathematical sciences. Having my wife and my parent there, made the event even more special."

Well Done Nira, from the MA Team!

[Read now - Black History Month](#)

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Primary Mathematics Challenge

This year's **Primary Mathematics Challenge (PMC)** is taking place between **7th - 18th November 2022**. The PMC is designed to make pupils think outside the box and enable problem solving in the real world.

*Please note, the deadline for paper packs has now passed, however you can still place online orders for the PMC any time.



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Parallel Universe

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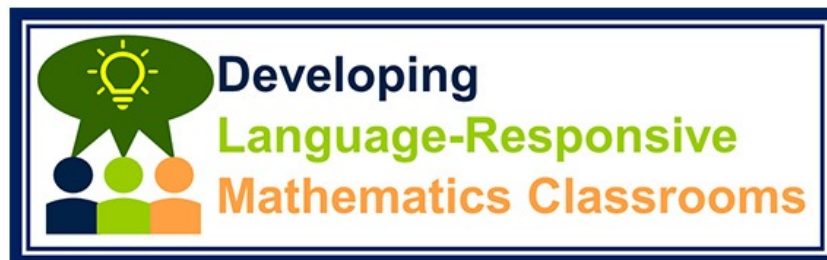
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Get in touch with Jenni Ingram



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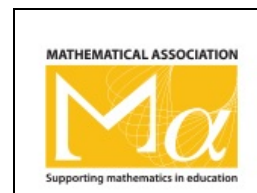
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Prof. Steve Chinn

Prof. Margaret Brown OBE

Register for the MA's Equals Conference, which covers all aspects of SEND and maths learning difficulties.

When: 25th November 2022

Where: Parliament Hill School, London

Cost: £80 for members, £100 for non-members

Keynote Speakers: Prof. Steve Chin & Prof. Margaret Brown OBE.

Speakers include: Alan Edmiston, Janet Goring, Pete Jarrett, Lou Hoskin-Staples, Anne Haberfield, Amy How, Tom Hunt, Kirsty Mulholland, Les Staves and Alison Roulstone.

The conference is suitable for colleagues who are passionate about supporting all learners within mathematics. Speakers will share key learning difficulties (e.g. **autism, anxiety, dyscalculia etc.**) and how teachers can support the needs of all students.

Join us for a full day of sessions and networking and view the [programme online](#)

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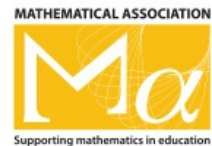


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LUMEN, the Loughborough University Mathematics Education Network, provides completely free, high-quality, research-informed CPD for secondary teachers of mathematics.

[Find out more](#)

Joint Conference Coming Soon...



AMET/ATM//MA/NAMA/NANAMIC is delighted to announce that it is working with all other associations in order to provide a joint Conference of Mathematics Subject Associations for its members, in 2023. The theme will be Finding the Common Factors.

Date: Monday 3rd and Tuesday 4th April 2023

Venue: Warwick University

More details to follow soon, in the meantime please SAVE THE DATE!

We are proudly supporting...

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Maths Anxiety in Teachers

“Are we giving our teachers adequate training
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Register for the **Maths Anxiety Summit** to get your hands on a FREE brochure - Guide for Teachers With Maths Anxiety (and/or Anxiety About Teaching Maths).

Written by Dr Tom Hunt (Lead of Maths Anxiety Research Group at Derby University) And Sue Skyrme a former Headteacher, Teacher Training expert and Schools and Parental engagement Expert Adviser to National Numeracy.

When: Wednesday 9th November 2022 at 6.30pm

Where: Harvey Goodwin Suite, Church House, Great Smith St, London SW1P 3AZ

[Find out more](#)

MA BRANCHES



FOR LOCAL ACTIVITIES AND EVENTS IN YOUR AREA

Manchester Branch Event

Mathematics and art

When: 19 November 2022 at 10:30am

Where: B 4.3 The University of Manchester Ellen Wilkinson Building.

[Find out more](#)

Liverpool Branch Event

**Dark matter and dark energy:
mysteries of the Universe
Liverpool**

Speaker: Ed Hardy

When: 24 November 2022 from 5.00pm to 6.00 pm

Where: An 'in-person' event, Venue TBC

[Find out more](#)

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