

The Highest Common Factor



March 2022

From the CEO's desk



Welcome to another edition of Highest Common Factor, AAMT's termly newsletter. I hope you find some information and suggestions useful in this edition.

The start of the year has been busy for AAMT with our involvement in a number of key areas:

- ongoing conversations and consultation around the draft National Curriculum,
- working in partnership with ESA to develop content for teachers that will appear in the Mathematics Hub later in the year (This will include some professional learning on Explicit Teaching in Mathematics),
- our newly formed partnership with TextHelp which you would have heard about in another email, and
- work on equipping Out of Field Teachers of Mathematics.

This of course is only a snapshot of the work that we at AAMT continue to do on behalf of our members and affiliates across the year.

For those who subscribe to our highly regarded, peer-reviewed journals, the first one should be coming your way in a matter of weeks. If you don't subscribe, I highly recommend you contact your local association to sign up. If you are an international reader of our newsletter or would like information on subscribing to the journals directly, please contact our office (office@aamt.edu.au) where one of the team will help you.

Thank you for all you do. We wish you a relaxing break when it comes.

Allan Dougan
CEO



Students from Years 3 - 10 compete and participate in teams of four to solve mathematical problems

Have Sum Fun Online (HSFOL) is conducted by the Mathematical Association of Western Australia (MAWA) and is endorsed by the Australian Association of Mathematics Teachers (AAMT). It is a maths quiz of problems for year-level teams of four students. HSFOL is designed to foster mathematical problem solving for students in Years 3-10 across Australia.



Term 2 (Years 5-10)
May 23 – June 10

Term 3 (Years 3-10)
August 8 – August 26

Term 4 (Years 3-10)
October 24 – November 11



www.havesumfunonline.com

Save the date for Future Building in Education

You're invited to Texthelp's first-ever virtual event for educators in Australia on 4 May 2022. This free PD event will explore how we can prepare students for the future in a changing world.

Don't miss the session with AAMT CEO Allan Dougan and special guests - 'Leveling the Playing Field: Creating Equity in Mathematics' where they'll discuss addressing equity and gender issues in the maths classroom.

Sign up today: text.help/pgkZr8

Talk Money

We are very excited to announce the launch of Talk Money with Ecstra Foundation, our new financial education program for schools. Talk Money with Ecstra Foundation will help Australian school students learn money lessons at key life stages. The program provides classroom workshops delivered by trained facilitators in person or via live virtual sessions.

Workshops are available for Years 5 to 10 and are provided at no cost to schools, ensuring more students can participate.

Ecstra is an independent grant making foundation and Talk Money has no commercial sponsorships. Our own CEO, Allan Dougan has been on the Advisory Panel for the project. To learn more about Talk Money and share the news with your school go to talkmoney.org.au.



How not what: It's how we use EdTech that counts

A roundtable discussion

Our friends at Texthelp invite you to join their latest roundtable discussion on how technology and pedagogy come together to make Maths accessible to everyone, everywhere.

Hosted by Greg O'Connor, Head of Education for Texthelp Asia/Pacific, this round table will have Allan Dougan (CEO, AAMT Inc) with two other mathematics experts - Fiona Thomas (Assistant Principal at Sadleir Public School) and Sam Hardwicke (Director of Mathematics and Numeracy at the ACT Education Directorate) - share their tips on creating engaging maths classrooms for students.

Click here to read more and to sign up :

<https://text.help/imJh3J>

2022 Mathematics & Statistics Research Competition

The University of Melbourne is pleased to announce the launch of the 2022 Mathematics and Statistics Research Competition. The competition is open to students from years 5 through to 12 and students may work either individually or in teams on any of the questions in their age category. The competition is completely free to enter and the date for final submission is **10 August 2022**.

If you are interested in taking part, visit this [website](#) where you will be able to register your class/school and gain access to the question booklets and receive updates and announcements.

For any further information please email the Maths & Stats outreach team on ms-outreach@unimelb.edu.au.

Win a free spot at the next Maths Teacher Circles session!

Enter the draw to win one of two tickets, valued at \$120 each - a special offer for primary, secondary and tertiary educators in the AAMT community.

Session topic: Questions to Inspire Mathematical Thinking

Date: Thu 21 April 2022, 10:00AM – 12:30PM AEST

Together we will:

- Dive into fascinating problems and mathematical ideas.
- Uncover what sorts of questions spark curiosity and stimulate mathematical thinking for all learners.
- Get practical teaching ideas and resources, plus have time to meet with like-minded educators.

What better way to head into a new term? [Register via this form](#) for your chance to win! Entries close 5PM Mon 4 April 2022 AEST.

Statistical Society of Australia's National Schools Poster Competition

The Statistical Society of Australia's National Schools Poster Competition returns for its 9th year!

Data is the sword, those who wield it the Samurai" – developing the future STEM workforce. Statistics + X: what's your X?

- The NSPC is a fun, project-based learning activity which encourages Stages 2 to 6 school students to develop, implement and creatively report upon an investigation on any topic of interest to them (the 'X')... for prizes!
- Students conduct small-scale versions of real-world investigations in teams, developing core STEM and cross-functional skills. They create an informative e-poster presentation communicating their investigation clearly, concisely and creatively and submit within one of the five divisions (Stages 2 – 6).

(Read more about the [NSPC](#))

[A Community Division](#) (for families, friends, colleagues) also exists – why should kids get all the fun!

From the Bookstore

Use code 'NEWSLETTER10' at checkout for a 10% discount on these titles!*

Numbers: Facts, Figures and Fiction

Richard Phillips

Have you ever wondered how Room 101 got its name, or what you measure in oktas? Which number links Alice in Wonderland, rainbows and the Egyptian Book of the Dead? You will find the answers here. This book is full of facts (both mathematical and cultural), tantalising problems and anecdotes (main entries span the numbers 0–200). Written by Richard Phillips, creator of the Problem Pictures CD-ROM, this beautiful full-colour volume is a must for every school library. Once you see a copy you will want one for your own bookshelf... and probably one to give away as well!

ISBN: 978-0-9546562-0-1

~~\$38~~ \$34.20 each

~~\$150~~ \$135.00 for bundle of five

ORDER NOW

**Code valid till 30th April 2022*

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Investigating Mathematics, Science and Technology in Early Childhood

Amy MacDonald & John Rafferty explore the ways in which young children develop mathematics, science and technology understanding through everyday play and investigation. This all-time high selling book gives insights into these key areas of knowledge in the early years' contexts and reveals ways to package them for optimal learning experiences

ISBN-10: 9-7801-9552-9906

Non-members: ~~\$87~~ \$78.30

Members: ~~\$69.60~~ \$60.90

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