Welcome to the MA monthly newsletter

The Mathematical Association
259 London Road
Leicester LE2 3BE
Email: office@m-a.org.uk

June 2018

Don't miss...

The **13th Secondary Mathematics Conference**, 29th September 2018 at University of Stirling.

One Day Conference for
Scottish Teachers of
Secondary Mathematics

29th September 2018
University of Stirling

Opening Plenary
Maureen McKenna, OBE

The 7th Primary Mathematics Professional Development Day, 13th October 2018 at Wycombe High School.

The Mathematical Association in cooperation with Bucks, Berks and Oxon Maths Hub are holding the Seventh Annual Primary Professional Development Day on Saturday, 13th October 2018 at Wycombe High School, High Wycombe, HT11 1TB, Buckinghamshire.
Title: Reasons to Love Reasoning

Keynote Speaker: Professor Mike Askew

More details: http://www.m-a.org.uk/primary-events .

Branch Events

East Midlands Joint MA/ATM Branch
Date: 30th June
Title: *Practising Mathematics - Developing the Mathematician as Well as the Mathematics*
Presenters: Dave Hewitt and Tom Francome
Time: 9:00am-12:15pm
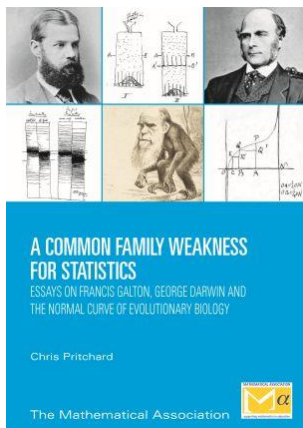**Where**: Fraser Noble Hall, Leicester University, Leicester, LE1 7RA
More details available at https://www.m-a.org.uk/branch-events

Please see website page for further details.

New featured resources

A Common Family Weakness for Statistics
Chris Pritchard

This book tells the story of the assistance that George Darwin, Charles Darwin's son, gave to one of the great pioneers of statistics, Francis Dalton. The seven essays describe Galton's efforts to use the normal curve to extend the theory of evolution to human intelligence. Those efforts led to the development of order statistics (including the median, quartiles and interquartile range) and the use of cumulative frequencies and the ogive. They culminated in the concepts of regression and correlation which are now so central to statistics. Galton's story has been told many times before but this is the first time that George Darwin's supporting role has been revealed.

Non-Members £8.00   **Members £6.00**

News of MA Journals

The latest edition of *Equals* (Finding the Frog) is available, free, online at https://www.m-a.org.uk/equals-online. This includes articles on maths anxiety as well as teaching mathematics in a hospital. On 16th June, the *Equals* team organized SEND Saturday and were delighted with it – so delighted that they have started planning the 2019 event! A report is available here.

The May issue of *Mathematics in School* has been dispatched and a flyer is available for download and circulation here in the section "MiS Contents with look-ahead to next issue." The Summer issue of *Primary Mathematics* has also appeared and there is a promotional flyer for it as well.

The *Mathematical Gazette* (July issue) is with C.U.P. The online version became available on 19th June and the printed version is imminent. A flyer for this is available here.

Members are reminded that their subscription includes back issues of *Mathematics in School* and the *Gazette* on JSTOR. These provide complete coverage from their start up to the last issue of 2012 (there is a five-year moving wall). To access these amazing resources just log on to the Members Area and select JSTOR form the menu on the left. If you have any difficulties or comments please email editor-in-chief@m-a.org.uk .

The June *MA News* journal contains a Branches Committee report and a report by Stephen Shackleton (who was awarded the Branches bursary) on his experiences at the BCME9 conference. There are also reports on recent

Meridian (Reading) and Liverpool branch events together with a mention of the new Sheffield Branch.

News of the Professional Development Committee

The latest meeting of the PDC was held in London on May 31st. The plans for the upcoming events in Stirling and High Wycombe are coming along nicely - these are on 29thSeptember and 13th October 2018 respectively. More details are available here. There was also a discussion of a similarly-styled primary event in York in 2019 – keep your eyes peeled!

News from the Publications Committee

There was a meeting on June 22nd at HQ, where the committee discussed current book and proposals for new ones, with several hoped for in the autumn. The committee has been strengthened with the addition of several new members but there is room for more! So, if you are interested and would like to know more, please contact the chair at: pc-chair@m-a.org.uk .

Mary Ledwick

As some of you may know, Mary has worked long and hard for many years on behalf of the MA. She had some years on Council, many years on Teaching Committee and the 11-16 sub-committee, and then many years as a member of Publications Committee. As well as being generally active in the MA publications field she created the range of Revision Cards and the fabulous MA Calendar. At its meeting in June, Council decided that we would show our appreciation by awarding a plaque to Mary. She has been consulted and seemed highly delighted.

Teaching Probability – free course

Cambridge University Press is teaming up with the social learning platform FutureLearn to host a free Teaching Probability course. Starting the 2nd July 2018, and running across three weeks, it features mathematicians and

authors David Spiegelhalter and Jenny Gage, and is designed for teachers of students aged 11-16. Teachers will have the opportunity to learn how to create and deliver effective probability lessons by using practical and frequency-based approaches, and can study at a time and pace that suits them. Sign up here!

Your views count

Are you teaching, or preparing to teach, A/AS Mathematics? Ofqual and DfE are interested in your reflections on the introduction of the large data set. Go to https://goo.gl/forms/wQfjImeIqk5NSL3F3 for a short (10-15 minutes) anonymous survey. Any queries to Jennie Golding (j.golding@ucl.ac.uk).

Research on early concepts of measurement

This month's Espresso from Cambridge Maths looks at how to teach ideas of measurement effectively, particularly at early stages of conceptual development. You can read it here.

General Data Protection Regulations (GDPR)

New Data Protection Regulations came into effect on 25th May 2018; importantly this means you must give your consent/opt-in to allow us to keep you updated about your MA membership, new publications, courses, conferences, branch activities and MA business in general.

We value the privacy of your personal data and our Privacy Policy can be viewed here. It explains how we collect, store and handle your personal data. To keep receiving all MA communications please log on to your membership record to give your consent. (Please be aware that when logging-in for the first time you will first need to register your details to verify your membership account, set up a username and password and log your email address.)

Compiled by Lucy Rycroft-Smith