

Calendar, Term 2	
June	
8	HSC Lectures Day, ticket applications due
15	Talented Students' Day, lecture choices and fees due
29	Newsletter 5 copy to Editor
July	
2	HSC Lectures, Sydney University
20	Investigating: Mathematics projects due at MANSW
20	Talented Students' Day, Sydney University
September–October	
30 Sept.	– Annual Conference
2 Oct.	

From the President

We are almost half way through another year and the volunteers that form your MANSW Executive have been busy organizing conferences, publications, student services, and the list goes on! As many of you would have read in the May edition of *MANSW e-news*, the Board of Studies has released the Draft Writing Briefs for the new Stage 6 courses and the consultation period has just finished. Copies of the documents, along with the surveys, were available on the Board website and were also sent to every school to provide teachers with the opportunity to provide feedback and comments. During May a number of Focus Group meetings were also held with a sample of teachers from around the state.

MANSW was invited to attend one such Focus Group meeting on 10 May to discuss our initial thoughts and views on the Draft Writing Briefs. Although the documents had only been released publicly eight days beforehand, MANSW members expressed many different points of view during these discussions. We strongly emphasized the importance of having a significant period of time for discussion and consultation on the five different draft syllabuses next year *prior* to any Focus Group meetings being held. We also indicated how important it was for teachers to

receive more specific information about the role of technology in the examinations for the calculus courses as soon as possible. We were very pleased to see both an additional offering for students in the form of the proposed General Mathematics 1 course and the flexibility that a common General Mathematics Preliminary course could provide for schools. On a number of occasions we also mentioned the crucial role that the support documents, including Specimen HSC papers, will provide in assisting mathematics teachers in planning for the simultaneous implementation of all the new Preliminary mathematics courses in 2010.

Further details about the Stage 6 review process are available on the MANSW website. We strongly recommend that all MANSW members check the website regularly for further updates as they are released. Also, if you haven't yet received any *MANSW e-news* bulletins, please email our office to make sure we have your current email address as this will ensure that you are always kept informed of all the latest mathematical news and events.

Our very popular lectures for HSC students will be offered again this year on Monday 2 July at Sydney University, for all levels of HSC Mathematics. These lectures are intended as revision and examination preparation just prior to the Trial Examinations and students can choose to attend two course specific sessions, each two and a half hours long. Registrations close on 8 June, so get your entries in as soon as possible. *Talented Students' Day* at UNSW on 20 July is also a great opportunity to expand the horizons of our young Year 12 mathematicians currently enrolled in Extension 2 Mathematics. Full details about all these MANSW activities are available on our website.

Have you and the staff at your school registered for the 2007 MANSW Annual Conference? Margaret Bigelow and her conference committee are busy preparing another fantastic adventure at Panthers Port Macquarie from 30 September to 2 October and we'd love to see you there. There will

be a river cruise on the Sunday evening and the conference dinner on Monday night has a Jungle Fever theme. We would also love to hear from any teachers who are keen to present a workshop at the conference; and remember—MANSW members receive substantial discounts on their registration!

As always, I hope Term 2 is being kind to you and look forward to chatting with you at a MANSW event soon!

HOLLY GYTON

Member of the Month

This month's lucky winner is Mark Fitzpatrick of Bowral. Congratulations, please contact the MANSW Office to claim your book-voucher prize.

Copy for Newsletter No. 5 is due by 29/6. Publication date is 16/7.

Talented Students' Day

If you have not yet requested the information about the Talented Students' Day, please contact the MANSW Office soon to get the detailed student choice forms and lecture information.

Items of Interest

The Professional Teachers Council will be holding the following two courses:

Effective Vocabulary Instruction for HSIE, science, and mathematics teachers on Thursday 7 June, 5.00–6.30 p.m. at Burwood;

Communication in the Classroom Workshop for all primary and secondary teachers on Saturday 16 June 9 a.m. – 4.00 p.m. at Leichhardt. This workshop will engage teachers in activities and strategies that support effective communication interactions and techniques in classrooms, the correct use and care of the voice, classroom acoustics, and behaviour management

Further details for each of these events can be found on the PTC website www.ptc.nsw.edu.au.

MANSW Long Inservice Course

Preparing to be a Head Teacher

Seven Tuesday evenings: 16 October to 27 November 2007

16, 23, 30 October, 6, 13, 20, 27 November

4.30–6.30p.m.

MANSW Office, in the grounds of Kent Road Public School

Cnr Kent and Herring Roads, Eastwood

Cost: \$220 (members) / \$300 (non-members)

This course is for mathematics head teachers and those aspiring to become heads of a mathematics department. The course consists of 7 two-hour sessions on Tuesday evenings over the year. A variety of guest speakers will present the sessions.

Session	• Session Outline
Leadership and the role of the Head Teacher (HT) Mathematics	<ul style="list-style-type: none"> • five domains of leadership • qualities of an effective leader • the HT mathematics' roles and responsibilities • developing a department shared purpose and vision
Interpersonal skills and mathematics department team-building	<ul style="list-style-type: none"> • effective communication skills • what is a team? • available system support • developing HT networks
Promoting effective mathematics teaching and learning	<ul style="list-style-type: none"> • supporting <i>Quality Teaching</i> • identifying professional development needs of the department • planning a department professional development program
Catering for individual differences in the mathematics classroom	<ul style="list-style-type: none"> • strategies for catering for individual differences • differentiating the mathematics curriculum • applying Bloom's taxonomy • learning styles and Gardner's multiple intelligences
Managing the department	<ul style="list-style-type: none"> • department planning and budgeting • programs, registration, and policies • assessment and reporting • probationary teacher programs • supervision of staff
Using data to improve students' learning outcomes	<ul style="list-style-type: none"> • tools for department evaluation • factors impacting on student learning outcomes • support structures to assist improvement • how to use data
Planning for action	<ul style="list-style-type: none"> • merit selection • time management • department review • personal action plan

**The registration form can be found on the MASNW Website—
www.mansw.nsw.edu.au—in the Professional Development area**

**Have you remembered to send in your students applications to attend the
MANSW HSC Lectures?**

Monday 2 July 2007 at University of Sydney?

Our very popular lectures for HSC students will be offered again this year, at all levels of Mathematics from General Mathematics to Mathematics Extension 2 .

Students may choose to attend a **two and a half hour session** in the Mathematics course they are studying. These lectures are intended as revision and examination preparation. Students should have had some school experience of the topic they choose to attend.

- General Mathematics, Mathematics, and Extension 1 students have a range of topics offered.
- Extension 2 students will be offered a comprehensive coverage, broken into two sessions, each covering different topics.

Our lectures are excellent value at \$27.50 (incl. GST) **per session for MANSW Institutional Members** or \$32.50 (incl. GST) **per session for non-member schools.**

You can find full details and application forms on the MANSW website www.mansw.nsw.edu.au in the Student Services area

**Are your Extension 2 students enrolled for
TALENTED STUDENTS' DAY?**

Friday 20 July 2007 at University of Sydney

**Cost: \$15.00 (incl. GST) per student (Institutional Member schools);
\$20.00 (incl. GST) per student for others**

Talented Students' Day is an annual event run for students by MANSW. It is meant for talented students who are studying Mathematics Extension 2, and aims to be a challenging and intellectually stimulating occasion. Students are exposed to areas of mathematics that they may have not heard of before, and see some of the ways mathematics is used to solve real-world problems.

As in previous years the afternoon session will again consist of talks specifically related to Extension 2. Students will be able to choose a talk on a syllabus topic that interests them, or that they feel they need help with.

If you have students at your school who would be interested in attending, please contact the MANSW Office as soon as possible to get the detailed information and application forms.