

Mathematics Links

NSW Department of Education and Training

Curriculum K-12 Directorate

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Email Alert

Welcome to Mathematics Links August 2006

Mathematics Links is an electronic update for mathematics faculty leaders and teachers informing on the latest additions to the *Curriculum Support* website, professional learning opportunities and links to relevant resources.

Curriculum Support updates

- **TEACHERS AFTERNOON AT 50TH ANNUAL MEETING OF THE AUSTRALIAN MATHEMATICAL SOCIETY**
27 September 2006 at Macquarie University

The International Centre of Excellence for Education in Mathematics (ICE-EM) is sponsoring a very special afternoon for teachers at this historic meeting. Four great mathematicians, including Professor Terry Tao from the University of California Berkeley and Dr Mary Myerscough from the University of Sydney, will talk about the exciting world of modern mathematics. The talks will be followed by a reception and the day will conclude with a Public Lecture by Mr Chris Wardlaw, Deputy Secretary for Education and Manpower in Hong Kong. Mr Wardlaw is well known in Australia as a marathon runner and trainer. On this occasion he will discuss mathematics education in Australia and Hong Kong.

To register see <http://www.maths.mq.edu.au/austms06/registration.html>.

For information concerning support for teachers from outside of the greater Sydney area, see www.ice-em.org.au

- **Year 10** students this year will be the first cohort to sit for the School Certificate on the new (2002) syllabus. On the Board of Studies website you can download a copy of the **SC specimen paper**

http://www.boardofstudies.nsw.edu.au/schoolcertificate/maths_scope_specs_06.html

(You will need to scroll to the bottom of the page.)

- **Stage 6 new syllabus development update**

Stage 6 Mathematics Curriculum Writers – Call for expressions of interest

To assist with the Stage 6 Mathematics syllabus review and revision, the Office of the Board of Studies is creating a register of curriculum writers. This register will be used to undertake tasks at various stages of the process. To be placed on the register and for more information go to the BOS website at

<http://news.boardofstudies.nsw.edu.au/index.cfm?mode=cat&catid=DB833971-006E-7D64-8A12858F91908675>

- **Reporting using A-E scale – Curriculum planning, programming, assessment and reporting to parents K-12**

This website provides information to support parents, teachers and school leaders in understanding the requirements of new policy in curriculum planning and programming, assessing and reporting to parents and in planning for implementation.

<http://www.curriculumsupport.education.nsw.gov.au/timetoteach/index.htm>

For secondary information on **making judgments using A-E scale** this link is useful (scroll to the bottom of the page)

http://www.curriculumsupport.education.nsw.gov.au/timetoteach/supportmat/suppmat_sec.htm

Professional learning opportunities

- Curriculum K-12 Directorate, Mathematics unit are supplementing and supporting regional professional learning activities with an additional **Talking patterns and algebra Stage 3 and 4** one-day workshop and a **HT mathematics** two-day workshop in Semester 2. For more information about these workshops go to 7-12 mathematics professional learning opportunities semester 2 (Terms 3 and 4) 2006 available at <http://www.curriculumsupport.education.nsw.gov.au/secondary/mathematics/prolearn/index.htm>

Note: The **Talking patterns and algebra Stage 3 and 4** one-day workshop planned for Monday 7 August was postponed due to insufficient numbers and online registration issues. The workshop has been rescheduled to Tuesday 31 October. Registration for this workshop is by fax - the form can be downloaded from http://www.curriculumsupport.education.nsw.gov.au/prolearn06/semester2/s_mathematics.htm

Free online mathematics resources

- **The virtual astronaut. A learning environment.**
This is part of the NASA website. Well presented materials suitable for Stage 3 and 4. How high is it? A unit on ratio, decimals and percentages.
<http://virtualastronaut.jsc.nasa.gov>
- **CENSUSATSCHOOL**
Data collected in the Australian Bureau of Statistics' CensusAtSchool project is now accessible for students to explore online: go to <http://www.abs.gov.au> click on Education Resources in the menu under the green banner and select CensusAtSchool. Anyone can access the data
- you don't need a password, and your school does not need to have participated in the data collection phase. For further information email censusatschool@abs.gov.au or phone 1800 623 273.
- **REACH FOR THE STARS**
There are only a couple of weeks left to plan your school's involvement in Australia's biggest balloon relay! For more information, and to join more than 350 schools who have already registered, go to <http://www.aamt.edu.au/reachforthestars>
"Reach for the Stars" - Australia's national numeracy activity for schools in **National Literacy and Numeracy Week (28 August - 3 September 2006)** - is being conducted by AAMT with support from the Australian Government and the Commonwealth Bank Foundation.

Til next month!

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