

Head Teacher Mathematics Links

NSW Department of Education and Training

Curriculum K-12 Directorate

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Email Alert

Welcome to Mathematics Links 1 July 2006

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

Curriculum Support updates

- Do you have a **K-10 Mathematics continuum** poster on the wall in your classroom? The *K-10 Mathematics continuum* poster describes the content to be developed at each Stage of learning for each content strand (Number, Patterns and Algebra, Data, Measurement, Space and Geometry) and the process strand (Working Mathematically). With parent/teacher interviews early next term, why not use the poster to communicate where students are on the continuum. You can view the poster at http://www.curriculumsupport.education.nsw.gov.au/secondary/mathematics/years7_10/continuum/index.htm Posters are available through DET sales (Ph:9793 3086)
- What do you know about the **Counting On professional development** program? The State Numeracy Plan 2006-2008 has a target that states *96.5% of Year 7 students will achieve elementary band or higher on SNAP Numeracy. The plan, through these targets, seeks an overall reduction in the number of the lowest performing students in numeracy for Years 3, 5 & 7 by 10 percent by 2008.* Counting On is the program recommended in the plan for improving students' numeracy achievement for schools with a high proportion of students in the bottom two bands (10% more than the State average) as reported on state-wide tests. Read more about the Counting On program here <http://www.curriculumsupport.education.nsw.gov.au/secondary/mathematics/numeracy/countingon/index.htm>
- The **Valuing Mental Computation** website is now linked to the new Curriculum Support website. The teaching activities on this website are useful for Stage 4 students and link directly with the Counting On program. Have a look at <http://www.curriculumsupport.education.nsw.gov.au/secondary/mathematics/numeracy/mental/index.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/i>

[index.htm](#)

Free online mathematics resources

- With the HSC trials and final exams getting closer by the day, the **NSW HSC Online** website has some relevant current articles that make useful reading for both students and teachers.
The 2005 HSC Study Guide, available at <http://hsc.csu.edu.au/maths/>
Learning from past mistakes (HSC 2005) and advice for 2006 article, available at <http://hsc.csu.edu.au/maths/news/2385/index.html>
- How can students achieve the best possible performance band for the HSC? The **HSC Standard packages** are now available, at no cost, on the Assessment Resource Centre (ARC) website <http://arc.boardofstudies.nsw.edu.au/go/hsc/std-packs/> Scroll down the page to General Mathematics, Mathematics, Mathematics Extension 1 and Extension 2. Students need to be aware of the standard of their responses and how they compare with responses that achieve a higher performance band.
- With SNAP results just arriving in schools, it is timely to mention the Educational Measurement and School Accountability Directorate (EMSAD) website which has now made available all the **SNAP links** documents online. They are available at https://detwww.det.nsw.edu.au/directorates/schoimpro/EMD/snap_publications.htm

Have a relaxing, rejuvenating holiday break. You all deserve it!

Til next month!

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