

Head Teacher Mathematics Links

NSW Department of Education and Training

Curriculum K-12 Directorate

Volume 1, Number 8, October 2006

Email Alert

Welcome to *Mathematics Links* October 2006

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

Curriculum Support updates

- Have you been reading the blue ***Curriculum Support for teaching in mathematics 7-12***, the quarterly publication written by the Curriculum Directorate K-12 Mathematics team and sent to all mathematics teachers in DET schools? In Vol 11, No 3 (Term 3 publication), page 8, is an article titled *Introducing trigonometry*. This is the third article in the series on trigonometry. The *Same shape triangles* lesson plan, triangle sheets A-G, group worksheet and graph master are available on the website at http://www.curriculumsupport.education.nsw.gov.au/secondary/mathematics/years7_10/teaching/trig.htm
- Another article in this publication, ***Teaching complementary angles in Stage 4***, page 6, uses the numberless protractor to support students in calculating complements and demonstrates assessment for learning using the place value component for the learning framework in number. The lesson outline and the master of the numberless protractor can be downloaded from http://www.curriculumsupport.education.nsw.gov.au/secondary/mathematics/years7_10/teaching/list.htm

Professional learning opportunities

- Hurry! Your last opportunity to register for the **all expenses paid** (travel, accommodation and course fees) ***Head Teacher 2 day workshop***. Two workshops are being offered – Sydney metropolitan (8 and 9 November 2006) and Western NSW Dubbo (16 and 17 November 2006). For more information go to http://www.curriculumsupport.education.nsw.gov.au/secondary/mathematics/prolearn/h_t_workshop.htm

Complete the fax back form attached to this email to register. The only cost to the school is teacher relief for two days while you attend the workshop. Confirmation of registration will be sent to you with details of the venue, travel choices and accommodation.

- Last opportunity to register for ***Talking patterns and algebra Stage 3 and 4*** workshop, presented by Diane Read and Carolyn McGinty, being held in the Sydney metropolitan area on Tuesday 31 October. For more information go to http://www.curriculumsupport.education.nsw.gov.au/secondary/mathematics/prolearn/p_l_activity.htm

Complete the fax back form attached to this email to register. Confirmation of

registration will be sent to you with details of the venue.

Free online mathematics resources

- Thank you to Kerry-Sue Pascoe for sharing this interesting maths website. It takes a little while to load but the wait is worth it. With so many SNAP questions using timelines, this is a very mathematically appropriate site
<http://www.counton.org/timeline/>

Don't forget to register for the *HT workshop* and the *Talking patterns and algebra workshop!!!*

Till next month!

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