

Attention: Teachers of Years 7 to 10 Mathematics

PD4MaTHS presents ...

7 to 10 in 2015

Programming and Resourcing the NSW Syllabus for the Australian Curriculum

Presented by Stuart Palmer

This 1-day workshop will give teachers a detailed insight into the NSW Syllabus for the Australian Curriculum, highlighting the similarities and differences between the previous syllabus and the new syllabus that moves into Years 8 and 10 in 2015. Participants will receive an adaptable ready-made electronic teaching program for Years 7 to 10 that is linked to numerous ready-to-use electronic teaching resources.

The presenter has programmed and taught Stages 4 and 5 numerous times to cater for students of all abilities. He will share a wealth of ideas, advice and electronic resources.

Some use of computer technology will be included, so please bring your lap-top and charger. See over for additional information about the content of the day.

Monday March 16, 2015

Burwood RSL Club, 96 Shaftesbury Road, Burwood NSW

(8:45 am for 9am to 3:30 pm)

Registration Fee: \$220 (plus GST) per person

Before you register, click on the following link to check the number of places available each day:
<http://tinyurl.com/lj4ydku>

Please register soon to avoid disappointment.

PD4MaTHS will accept tentative bookings while you await approval from your school.

To register your attendance, email pd4maths@gmail.com indicating:

- the name of your school
- the names of the people you wish to register
- the email addresses of the people you wish to register

You will be sent an email confirming your place, directions to the venue and additional information. You will also receive an invoice by email.

Cost-free parking is available at the club. The venue is very close to Burwood Railway Station. Morning tea will be provided. Lunch is available for purchase in the club or nearby shops.

For more information, please email stuartpd4maths@gmail.com or call **0407 838828**

If you would like to be removed from our distribution list, please send an email containing the name of your school and your fax number.

ABN: 37129330132

Overview of the day

Sharing of electronic resources

At the start of the day, all the electronic files will be shared via a USB. It is therefore essential that every teacher brings a laptop. You may also choose to bring an ipad or similar device, but this is not essential

Compared to the 2002 syllabus, what is new, different and gone?

There are many changes brought about by the inclusion of material from the Australian Curriculum. These changes have been summarised by the presenter in a concise fashion and also indicated on the syllabus pages, which have been re-shuffled according to the substrands so that it is easier to see the continuum from Stages 3 to 4 to 5 in every substrand.

Potential programming problems to be solved in your school

Based on previous experience in implementing new syllabuses, the presenter has compiled a list of potential issues and problems to be overcome in your school. These will be discussed on the day.

A scope and sequence document

An adaptable scope and sequence will be provided. In the case of Years 9 and 10, it has been constructed so that all students can be doing some degree of common work in roughly the same order, although naturally some students will progress further on the continuum than others.

An adaptable teaching program for every topic

Based on the programming advice from the Board of Studies, the presenter has created an adaptable and detailed teaching program for Years 7 to 10. Every unit is a Word document that contains the following:

- Key ideas from the previous stage and the current stage
- A unit description that could be published to students and parents
- The relevant syllabus outcomes from the previous stage and the current stage
- Links to useful electronic resources and space to add more links and notes
- A lesson-by-lesson description of the syllabus content that needs to be covered, arranged in a logical sequence
- Syllabus page numbers for every lesson so that teachers can easily find the most relevant advice
- Space to make links from every lesson to your chosen text book
- Space to make notes about the compulsory use of technology and non-calculator skills
- A register for teachers to complete at the conclusion of the unit
- Space to make adjustments for students with special education needs
- Suggestions for extension/enrichment material for talented students
- Space to include an integrated teaching, learning and assessment activity in every unit

Useful electronic teaching resources

A resource library of electronic teaching resources will be provided. These will include:

- Word documents and pdf documents
- PowerPoint files
- Excel spreadsheets
- Web-sites
- Files created using Geogebra and The Geometer's Sketchpad

These are hyperlinked to the teaching program so that teachers will know the appropriate time to use them. Many of these files will be demonstrated on the day.