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Graphing Calculator Workshop: Supporting students learning mathematics

Presenter: Chris Olley

Tuesday 28th June 2011 9.45am – 3.15pm

**Stanborough School, Lemsford Lane,
Welwyn Garden City, Hertfordshire. AL8 6YR**

Fee: £20 per delegate (includes a light lunch and refreshments)

To book a place please visit:

<http://www.furthermaths.org.uk/centre/EastEngland3.php#CPD1>

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Graphing calculators have been available since the early 1990s but have remained a peripheral teaching tool in the UK. In many parts of Europe and notably Australia, graphical calculator use is compulsory even including computer algebra systems in exams. The presenter will aim to make the case that a graphing calculator should be a central tool for supporting students at all levels to develop their mathematics. The focus will be on A level, but there will be activities for key stage 4 and key stage 3, to make the case that throughout school it is the maths tool of choice. A graphing calculator tells you answers sometimes, but mostly, it provides the data to support students to develop their own mathematical understanding. Sometimes it should be put away and pencil and paper used. It is one of many tools and should be used when it the right choice!

Chris Olley, the presenter, is currently the director of the secondary maths PGCE course at King's College, London. He has presented research and teacher sessions involving graphing calculators nationally and internationally for many years and was an early adopter while head of maths in an ordinary inner city comprehensive school, teaching 11-18 courses.

The workshop will be delivered using Hewlett Packard HP40GS machines which will be available to borrow for the duration of the day and to loan for follow up work in schools.

Contact Kristin Coldwell: kristincoldwell@furthermaths.org.uk if you have any queries about this event

Cheques payable to 'University of Cambridge' and posted to Margaret Bull, Centre for Mathematical Sciences, Wilberforce Road, Cambridge CB3 0WA