



'Selected' Resources Menu - Alan Catley

The 3 titles below on Quadratics, Calculus and Advanced Pure Topics are linked to selected worksheets and lesson plans for use at the MEI Conference - Reading - July 10th 2006. These are appropriate resources for the conference sessions from a more comprehensive set of activities.

Getting Going with Autograph

Key Stage 3 - activities linked to the National Strategy document

Statistics and Data Handling

Geometry - transformations, circle properties etc.

Linear Functions

[Quadratic Functions](#)

[Introducing Calculus](#)

[Advanced Pure Maths Topics](#)

Miscellaneous

Teaching mathematics with dynamic software has been shown to be more effective, more efficient, and above all more enjoyable for both teacher and learner.

The ability with Autograph 3 to 'select' appropriate 'dependent' objects and then 'animate' mathematical concepts to help learners better understand principles in coordinate geometry in both 2D and 3D as well as probability and statistics enables the teacher to adopt a more investigative approach than was possible previously.

The following 'resources' are an (ever growing!) mixture of detailed Lesson Plans (LP) and student 'Activity' Sheets (WS). They are all documented accounts of ideas that have been successfully trialled in the classroom with learners at all levels. Also included are some ideas to help understand examination questions (EX) as well as some 'instruction sheets' (IS) to help with project work.

For more information about these resources and training opportunities contact:

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