Get these two new Activity Books with CD-ROMS

"...Autograph is an essential tool for secondary and college maths departments." Chris Drage, EC&T

INSIDE - READ ON!

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Autograph 3.3 - the ultimate teaching tool

Autograph 3.3 is even easier to use and learn - and yet even more powerful!

... with a brilliant new interface, including: Dockable Results Box, Tabbed Workspace...

... and there is a redesigned and expanded Help and Training system and more!

New on-screen keyboard:
Autograph’s unique on-screen keyboard is further refined for interactive whiteboard use.

Clear and naturally easy to pick up: The new Autograph 3.3 interface lets you bring mathematical concepts to life intuitively - with just a few clicks. Most people coming across Autograph for the first time comment that “it must have been dreamt up by a teacher!” and it was!

Web Savvy: The new Autograph Player and “Save as Web” feature lets you manipulate Autograph files in PC browsers (IE, Firefox and Safari).

Sparkling New Features include:

- **New Angle Object**
  Angle measurement, including reflex and obtuse and right-angle marking.

- **Add image**
  You can easily add an image as an object from any standard graphics file-type — fully editable, including transparency adjustment. Fitting a graph is a dream!

- **Calculated points**
  Single calculated points (e.g., max/min, mid point, etc.) now act as individual points.

- **Dotted lines style**
  Now available for all line objects.

- **Hide/unhide**
  Now available for all objects.

- **Dynamic text boxes**
  The text box now responds to the selected object by optionally displaying its information dynamically, including values and constants. Text box styles can be set to default for easy replication.

... and 3D

Autograph’s ground-breaking 3D interface has a further improved visual interface.

www.autographusa.org
Autograph in the classroom

Autograph is the ideal tool for teachers to help explore mathematics on the big screen using dynamic objects. In particular Autograph is equipped with its own ‘whiteboard tools’.

Whiteboard Mode:
This provides large writing and thick lines - so they can be seen at the back!

Zoom:
The perfect dynamic tool. Autograph has 10 possible zooms in 2D and 3D!

Scribble and Rub-Out Tools:
These belong to Autograph, so the writing does not disappear as it does on most whiteboards.

AUTOGRAPH’S SECRET WEAPONS
SLOW PLOT: the essential tool for “what happens next?”
DYNAMIC CONTROLLERS: constants and animations controllers bring maths to life!
In and out of Autograph

The Autograph website provides tutorials, a world-wide forum, and links to mathematics resources and data.

Autograph itself connects seamlessly to Excel and to Word by simple copy and paste commands, allowing data to be analysed and presented to a high standard in Word documents.
Visualising Probability & Statistics

The study of this branch of mathematics is essentially visual, and Autograph offers a huge range of possibilities for making the subject come to life. Data is easily pasted in, or sampled, and the diagrams that are created can all be controlled dynamically.

Difficult concepts such as *Frequency Density* are handled thoroughly, and there is a clear distinction between the representation of *Continuous* and *Discrete* data.
Visualising Advanced Mathematics

Autograph can bring inspiration and fascination to pupils who are pushing their understanding to new levels. When Mathematics is brought to life using Autograph, the possibilities are endless, including: Vectors, transformations by matrices, polar and parametric curves, trigonometry, the mystery of calculus - all in 2D and spectacular 3D.

Differential Equations entered implicitly

A family of polar conics

Using a zoom to explore integration

Generating a Cycloid parametrically

Illustrating a trig formula

3D Vectors: Closest distance (2 lines)
**Why do users find it so effective?**

**TEACHERS**
find Autograph 3.3 so easy to get going with, and clearly written with teaching in mind. The Extended Licence (including home use) is the most popular, offering fantastic value for teachers and students.

**YOUNGER STUDENTS**
love the way Autograph introduces them to dynamic new views of mathematics.

**ADVANCED STUDENTS**
use Autograph to push the boundaries of their mathematical knowledge on their own.

**What do reviewers and advisers say?**

“Autograph is a tried and trusted piece of software .. of great use in the classroom. Very user-friendly and great value for money”- **Peter Ransom**

“Autograph: so comprehensive you’ll wonder what it can’t do”- **Ian Wilson**

“Without doubt, purchase of Autograph should be included in a Maths department budget”- **Val Brooks**

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