



# Autograph

version 3

No other software gives teachers such control, and features, to illustrate and clarify mathematical concepts

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## CLASSROOM TOOLS - UNIQUE TO AUTOGRAPH



On-screen mathematical keyboard (can be used in all other computer applications)



Autograph is designed to work fully with an electronic **Whiteboards and Tablets**



**Scribble tool**: the perfect tool for prediction - reinforces conceptual understanding  
Belongs to Autograph, so it does not disappear like the Whiteboard writing tools.



**Rub-out tool**



**Slow Plot Mode** - gives the teacher full control over the plotting

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## VISUALISATION TOOLS - UNIQUE TO AUTOGRAPH



**Animation Controller**, allows you to control the motion of mathematical objects



**Dynamic Constant Controller**, for completely flexible control over your objects  
You control the step dynamically - so much better than fixed slider-bars



**10 zoom options**, giving full control over what is displayed

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## THREE PAGE TYPES - UNIQUE TO AUTOGRAPH



**Statistics page**: single-variable analysis, with wide variety of diagrams and tables



**2D page**: graphs (including IMPLICIT), shapes (transformations), vectors, matrices  
Differential Equations, Polar and Parametric equations; Calculus (including Area)



**3D page**: graphs (including IMPLICIT), shapes (transformations), vectors, matrices  
Lines, planes, surfaces, Polar and Parametric equations; Calculus (including Volume)

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## LINK WITH MS OFFICE - UNIQUE TO AUTOGRAPH



Easy pasting of data in and out of Excel



Easy pasting of screenshots and tables of values into Word

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Finally: Autograph uses **standard user interface conventions**, so no special tricks to learn!  
Easy 'true-notation' equation input, no need to pre-define constants, and no "command-line".

**AUTOGRAPH SHORT VIDEOS:** [www.tsm-resources.com/videos](http://www.tsm-resources.com/videos)