

# CROCODILE Mathematics

[Windows (v401) / Mac (v301) CD-ROM; for ages 10-18]



**Crocodile Mathematics is a new concept in mathematics software: a user-friendly, interactive mathematics laboratory.**

Both teachers and students can create and experiment with mathematical models by linking shapes, equations, numbers, graphs, text and pictures together.

The latest version - Crocodile Mathematics 401 - integrates functionality from a graphic calculator with the geometric modelling. There are more details on page 11.

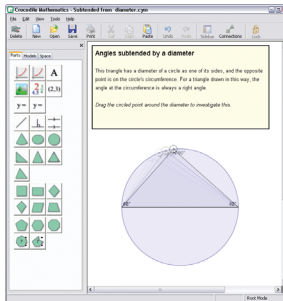
“Bright, visual, colourful, mathematical and fun – what more could one want?”  
- Peter Ransom, The Mathematical Association



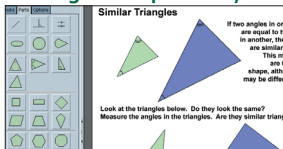
Crocodile Mathematics is Curriculum Online certified. It can be purchased with eLearning Credits.



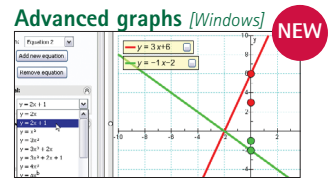
Already using Crocodile Mathematics? Find out about converting to a School Site Licence - for an unlimited number of computers.



## Investigate shapes easily

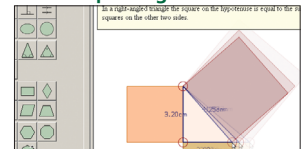


To investigate a shape, drag it onto the screen. Click on a shape to display its control panel, where a large number of parameters can be changed.



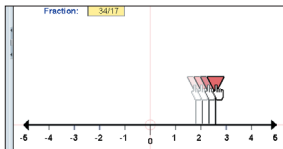
The graphing tools have been dramatically enhanced in the latest version, with a vast range of new functions and the ability to change the function you're graphing by dragging control points on-screen.

## Link shapes together



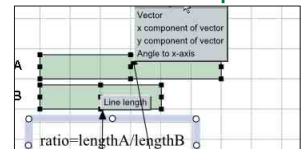
Simple relations between shapes can be established by clicking on adjoining lines or points to 'rivet' them. You can also drag between points on shapes to link them.

## Link numbers to models



Numbers can be linked to shapes or equations to act as inputs and outputs. Here, the length is shown to several degrees of accuracy, illustrating decimal places.

## Make models with equations



Equations control the behaviour of the shapes in your model, and define relationships between them. Here, an equation relates two rectangles, illustrating ratios.



Download a free demo from our website or phone 0131 226 1511 for a free demo CD.