

# Education

## 3D Surfaces v2.1

by Neil Hickox

This program takes an equation in the form of  $z=x+y$  and graphs it as a three dimensional surface. Enter the equation, or choose from a list, set the viewing angle, and a variety of other options and watch the program draw your graph. You can save any surface you create, as well as customize the graph colors. You can even save your surface as a QuickTime movie that changes over time.

Note: Comes in PowerPC and non-PowerPC versions.

## Cryptogrammer v1.1.1

by Lawrence Snyder

Do you like cryptograms? A cryptogram is a word puzzle in which a quotation, saying, or witticism has been encoded by substituting every letter with another letter. There are 750 cryptogram quotes, plus you can add your own. If you need help, you can get a one letter hint, or see the frequencies of letters and 2 and 3 letter combinations. And, if you like to solve other cryptograms (such as the ones in the newspaper), you can enter them into the program and solve them using the program's interface instead of a pencil and paper.

## Fallacy Tutorial Pro v3.0

by Michael C. LaBossiere

Fallacy Tutorial Pro provides an introduction to informal fallacies (errors in reasoning). There are over 40 different fallacies featured in this program, such as confusing cause and effect and red herring, complete with descriptions and examples. There are quizzes to test your knowledge, plus you can take notes on any fallacy or quiz question using the special notepads included in the program. You can also export any description or example as a text file.

## LogicSim 2.6.2b

by Arnaud Masson

This is an easy to use program that simulates digital circuits. Drag components such as LEDs, buttons and switches from the tool palette into the window. You can run the circuit and even display a window which provides an oscilloscope display of the signals at nodes in the circuit. This is a great way to learn about and experiment with circuits.

## MandelBrowser PPC

MandelBrowser draws a mathematical object called a Mandelbrot Set on your computer. These images are very beautiful and complex. You can zoom in and out of the picture, change the color palette and more. You can also change aspects of the Mandelbrot Set such as origin, perturb, and bailout. Plus, you can save any image you create.

## Merchant of Venice v1.0

by Mark Zimmermann

This HyperCard stack contains the complete text of *The Merchant of Venice* by William Shakespeare. The stack is organized by scene and you can set bookmarks for any page. You can also search for any text as well as take notes. If you like Shakespeare, this is the program for you.