Math Tools

This kit offers new ways to explore, learn, and apply mathematics in the secondary school. It includes simulation, construction, and modeling software. And it features tools that enable students to generate, collect, analyze, and represent data—and to present their findings in various ways. The tools in this kit also provide relevant experiences that are transferable to powerful tools used in the world outside of school.

Math Tools

Cabri Geometry II v1.1, Texas Instruments

Provides an integrated, interactive construction environment for Euclidean, transformational, and analytic geometries. Enables students to construct objects, test hypotheses, take measurements, and perform calculations.

**Graph Action Plus v1.0,
Tom Snyder Productions**

Provides environments in which students can explore the relationships between moving objects and distance/time graphs. Enables students to create motion sequences with animated graphics and view their corresponding graphs. Builds graphs of real-world motions from QuickTime movies.

**PEMD Discovery & Data v2.0,
PEMD Education Group**

Contains more than 20,000 pages of environmental, demographic, and social data from U.S. government and U.N. agencies. Also includes flexible line-graphing tool that enables students to detect patterns, trends, and relation-ships. Transfers data to other tools for further analysis.

Prob Sim v1.4, Intellimation

Allows students to create animated simulations to explore probability situations. Offers a variety of sample-space elements and sampling parameters. Uses variables and wild-card characters to specify complex events.

Spreadsheet 2000 v2.0, Casady & Greene

Offers a visual, object-based alternative to traditional spreadsheets for solving numeric problems. Allows students to create calculations by connecting objects and operators rather than by typing command sequences.

Tabletop v1.0, Broderbund Software

Offers a visual tool for storing, graphing, and analyzing numerical and categorical data. Represents data as animated icons that move as students change the graph constraints.

TI-GRAPH Link, Texas Instruments

Enables students to transfer information between a TI calculator and a Macintosh computer.

Productivity Tools

AppleWorks v5.0, Apple Computer

Provides an integrated suite of tools that includes traditional spreadsheet, word processor, database, drawing, painting, and communications. Enables users to create on-screen slide-shows. (Included in kits ordered with an iMac computer or bundled with AppleWorks.)

HyperCard v2.3, Apple Computer

Offers a way to create nonlinear presentations that can include text, graphics, and QuickTime movies. Includes HyperTalk, a powerful scripting language, so students can gain more control of their projects. Provides "button tasks" for customizing projects without writing scripts.

Teacher Support Materials

This kit includes a Teacher's Guide offering detailed information on installation and getting started using the software. In addition to more than 100 activities from the software publishers, nine Units of Practice, Apple's unique research-based framework, help teachers integrate technology into their instructional practice. Guides and manuals are provided for the software in the kit. *Out of the Box and Onto the 'Net,* a resource booklet, is also included.

Introducing Dynamic Algebra with NuCalc, from Key Curriculum Press, is included. This book introduces and explores the capabilities of the Graphing Calculator, software that is included with every Macintosh computer. The Graphing Calculator graphs 2D functions, inequalities, and 3D surfaces. It also allows users to manipulate symbolic expressions via keyboard commands or the mouse.

Ordering Information

Math Tools Kit
T2195LL/A   **$275**

Kit with AppleWorks
B3833LL/A   **$300**

Kit with an iMac computer
(For institutions only)
B3915LL/B   **$1,274**

Note: Kits can be purchased only with a computer

To purchase this product from the Apple Store for Education, visit **www.apple.com/education/store** or call **1-800-800-2775** for more information.