

MICROCOMPUTERS IN EDUCATION

What Can Computers Do In Education?

The computer is the ultimate audio-visual machine. It has the flexibility to. . .

- teach programming (machine language, BASIC, etc.)
- teach computer awareness/computer literacy
- do CAI (Computer Assisted Instruction)
 - drill and practice
 - tutorials
 - problem solving
 - educational games
 - simulations
 - discovery learning
- be media
 - graphics
 - music
- manage information
 - data processing
 - guidance and counseling testing
- act as a terminal

and it combines these capabilities in a single, low-cost unit!

Why Microcomputers vs. Timesharing?

- Cost - Microcomputers are more cost effective than large timesharing systems for many applications. An Apple II costs less than a terminal, yet can act as one, as well as perform stand-alone computing. To teach BASIC programming to 30 students, a classroom of Apple II's is less expensive than a time-sharing system with 30 terminals.
- Confidence - When a timesharing computer is down, ALL WORK STOPS. But with a classroom of microcomputers, if one is down class can still continue.
- Convenience - Microcomputers are more portable, allowing instructors to bring them directly into the classroom rather than having to move the class to the "computer room".
- Control - With a microcomputer you do not share the CPU (Central Processing Unit) with anyone. You are in control of your environment. Real-time (uninterruptable) applications, such as music performance, are thus practical where they weren't before.

Why Apple II?

- Easy to learn - Our documentation is written in a clear, understandable, friendly style. Our users' newsletter, CONTACT, keeps you current with ideas on how to get the most from your computer.
- Easy to use - The Apple II is designed with the user in mind. A variety of input methods are available, such as hand-held analog game controls, a graphics input tablet or voice input (options). Our peripheral devices (Disk II and printers, for example) are intelligent, meaning they already contain the instructions they need to make them usable: just plug them in and go! Apple II even beeps at you when it needs your attention.
- Capable - The Apple II can do more things. It can handle more sophisticated tasks, thanks to its 48K of user space. Its high-resolution graphics, 15-color standard graphics, and audio response make programs more interesting and realistic.
- Expandable - The Apple II has built-in expansion sockets that allow you to add memory and peripherals at any time, with no cumbersome expansion boxes. And you can do it yourself, without sending the machine to the factory for upgrading. The Apple II power supply can handle the additional memory and disk drives, so you don't have to contend with extra power cords.
- Supported - Apple Computer and other companies make a complete line of peripheral devices that you can add as you need them. The Apple Software Bank, along with independent sources, makes available quality programs to run on Apple II.
- Dependable - We are so confident of our computer that we give it the longest warranty in the business. And we back it with prompt factory service. We also provide local help through our dealers and factory assistance by phone or mail.
- Best value - Feature for feature, Apple II is lower in cost than any comparable microcomputer system.

Apple II has been chosen by many prominent education institutions including:

COLLEGES AND UNIVERSITIES

Atlanta University Atlanta, GA	New Mexico State University Las Cruces, NM	University of Illinois Urbana, IL
Brigham Young University Provo, UT	North Orange City Community College Fullerton, CA	University of Iowa Iowa City, IA
Columbia University New York, NY	North Texas State University Denton, TX	University of Michigan Ann Arbor, MI
Duke University Durham, NC	Oregon State University Corvallis, OR	University of Missouri Kansas City, MO
El Camino Community College Via Torrance, CA	Pennsylvania State University University Park, PA	University of New Mexico Albuquerque, NM
Evergreen Valley College San Jose, CA	Purdue University West Lafayette, IN	University of Notre Dame Notre Dame, IN
Greater Hartford Community College Hartford, CT	Rhode Island Junior College Warwick, RI	University of Oklahoma Norman, OK
Harvard University Cambridge, MA	Rochester Institute of Technology Rochester, NY	University of Southern California Los Angeles, CA
Illinois State University Normal, IL	Rutgers University New Brunswick, NJ	University of Texas Austin, TX Dallas, TX El Paso, TX
Iowa State University Ames, IA	St. Louis University St. Louis, MO	University of Virginia Charlottesville, VA
Lawrence Hall of Science Berkeley, CA	San Jose City College San Jose, CA	University of Washington Seattle, WA
Loyola University Chicago, IL	San Jose State University San Jose, CA	University of Wisconsin Oshkosh, WI
Loyola University New Orleans, LA	Shoreline Community College Seattle, WA	Vanderbilt University Nashville, TN
Massachusetts Institute of Technology Cambridge, MA	Stanford University Stanford, CA	Washington University St. Louis, MO
Mesa Community College Mesa, AZ	Temple University Philadelphia, PA	West Los Angeles Community College Culver City, CA
Miami-Dade Community College Miami, FL	University of Alabama Birmingham, AL University, AL	West Virginia University Morgantown, WV
Michigan State University East Lansing, MI	University of California Berkeley, CA Davis, CA	Williams College Williamstown, MA
Minnesota Educational Computing Consortium St. Paul, MN	University of Florida Gainesville, FL	Yale University New Haven, CT
Mt. San Antonio Community College Walnut, CA		

ELEMENTARY AND SECONDARY SCHOOLS

Air Academy High School USAF Academy, CO	Glenview Public Schools Glenview, IL	Marysville School District Marysville, CA
Berkshire Country Day School Lenox, MA	Hay Junior High School Cleveland, OH	Miami Beach Senior High School Miami, FL
Collins Junior High School Cupertino, CA	Irvine High School Irvine, CA	North Stratfield School Fairfield, CT
Community High School Ann Arbor, MI	Jefferson Township High School Oak Ridge, NJ	San Leandro Unified School District San Leandro, CA
Crescent Valley High School Corvallis, OR	John Hersey High School Arlington Heights, IL	School District 11 Colorado Springs, CO
Cumberland Valley High School Mechanicsburg, PA	John Steinbeck High School San Jose, CA	Southeast High School Oklahoma City, OK
Deerfield Academy Deerfield, MA	Livermore Unified School District Livermore, CA	Springbranch Independent School District Houston, TX
East High School West Bend, WI	Lowell Public Schools Lowell, MA	Tumwater School District 33 Tumwater, WA
Elk Grove High School Elk Grove, IL	Mango School Sunnyvale, CA	Valley High School West Des Moines, IA
Friends School Baltimore, MD		