

## **Industry Standard Software**

Many software programs are available directly from the Internet when purchasing an education version or multi-pack. Demo versions of most software are also available on the Internet, with early versions often made available free of charge. Using a demo version is an excellent way to discover if the software meets the needs of students and teachers, and allows for the assessment of the computer's ability to handle the requirements needed to utilize the full power of the software such as speed, memory, sound card, etc. This is especially true for recording digital audio and digital video. Reviews of appropriate software are regularly published in a variety of computer and trade magazines.

Use of industry standard software is encouraged. Selection of a particular application should consider:

- existing hardware and upgrade path
- cross-platform capability
- instructor training requirements
- time spent on student skill development versus curricular intent
- cross-curriculum applicability
- general flexibility and utility
- cost and affordability

Software is constantly changing and evolving, with levels of difficulty ranging from entry to professional. The chart of industry standard software called *Suggested Visual Arts Software for Grades 8 to 10* provides examples of software that are produced by companies that have been active in the software field for some time. In many cases, the software might fit into more than one category – e.g., Painter fits into Paint/Draw and 2 D animation, iMovie and Casablanca can provide enough versatility for most classes in video production, while Final Cut Pro and Adobe Premiere systems can be used jointly with software in all categories. Most of the titles listed include teaching aids and help menus in the form of Internet access on-line help and lessons, CD-ROMS, books, and user groups.

The *Suggested Visual Arts Software for Grades 8 to 10* chart is included at the end of this package. Inclusion in this list does not constitute recommended status or endorsement of the product.

## Visual Arts 8 to 10 Software List

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### Paint/Draw Software

- **Corel Draw - Corel**  
Intermediate level draw and paint software. Cross platform
- **Painter 7 - Corel**  
Advanced level paint and 2d animation software. Cross platform
- **Illustrator - Adobe**  
Advanced level Vector based drawing software.
- **Freehand - Adobe**  
Advanced level Vector based drawing software. Cross platform

### Image Manipulation Software

- **Photodeluxe - Adobe**  
Introductory level Image manipulation tool. Cross Platform
- **Photoshop - Adobe**  
Advanced level Image manipulation tool. Cross platform
- **Knockout - Corel**  
Intermediate level Image manipulation tool. Cross platform

### Animation Software

- **Flash - Macromedia**  
Intermediate level vector based 2d animation. Cross platform
- **3DS Max - Discreet**  
Advanced level comprehensive 3d animation software. Cross platform
- **Ray Dream 3D - Fractal Design**  
Advanced level comprehensive 3d animation software. Cross platform
- **Ray Dream Studio - Fractal Design**  
Advanced level comprehensive 3d animation software. Cross platform
- **Lightwave - Newtek**  
Advanced level comprehensive 3d animation software. Cross platform
- **Character Studio - Discreet**  
Advanced level 3D animation character generation tool. Cross platform
- **Poser - Fractal Design**  
Advanced level 3D animation character generation tool. Cross platform
- **Bryce 5 - Fractal Design**  
Advanced level 3D animation environment generation tool. Cross platform
- **True Space - Caligari**  
Advanced level 3D animation environment generation tool. Cross platform

**Video Editing Software**

- **i Movie - Apple Computers**  
Introductory level video editing software. Mac only
- **Final Cut Pro - Apple Computers**  
Advanced level video editing software. Mac only
- **Adobe Premiere - Adobe**  
Advanced level video editing software. Cross platform
- **Combustion - Discreet**  
Advanced level video editing software. Cross platform
- **Media 100 - Media 100**  
Advanced level video editing software. Cross platform
- **Adobe After Effects - Adobe**  
Advanced level video compositing software. Works with all other editing software not just Adobe products. Cross platform

**Multimedia Software**

- **Director - Macromedia**  
Introductory level multimedia tool. Cross platform
- **Power Point - Microsoft**  
Introductory level multimedia tool. Cross platform
- **Ezedia - Ezedia**  
Intermediate level multimedia tool. Cross platform

**Web Development Software**

- **Dreamweaver - Macromedia**  
Introductory web development tool. Cross platform
- **Front Page - Microsoft**  
Intermediate web development tool. Cross platform
- **GoLive - Adobe**  
Intermediate web development tool. Cross platform
- **Fireworks - Macromedia**  
Advanced image optimizing for the web. Cross platform
- **Image Ready - Macromedia**  
Advanced image optimizing for the web. Cross platform