

Secondary Multimedia Elements

Multimedia is comprised of several elements including text, graphics, sound, video, and animation. The Secondary Multimedia kit includes tools and resources for working with each of these elements. Following are brief explanations of each multimedia elements and how they can be used:

Text

Text is perhaps the most fundamental element of any multimedia project. Students can use applications such as AppleWorks and compose and edit their own text. Text-based information can also be gathered from resource CDs and the Internet. Applications such as Photoshop LE and Cinema 4D XL can be used to add visual effects to text to create a more appealing presentation.

Graphics

Graphics can be incorporated into a multimedia project in the form of photographs or designs in both the 2D and 3D worlds. Graphic images can be imported from a variety of resources such as the Internet, a digital camera, a scanner, or resource CDs such as Art Mania. Original graphic designs can be created with applications such as Cinema 4D XL and Photoshop LE.

Sound

Sound can be added to a multimedia presentation from a variety of sources. Original sounds can be recorded using a microphone and programs such as Final Cut Pro or Smart Sound. These applications, as well as QuickTime Pro, can also be used to import sounds from an audio CD or the Internet. Sound resource files that can be used in multimedia projects are also included on the SmartSound CDs.

Video

Moving images or video can be incorporated into a multimedia project as QuickTime movies. QuickTime Pro and Final Cut Pro can be used with a camcorder or VCR to create and edit QuickTime movies. These programs can also import movies from the Internet and from resource CDs such as The Archives of History. Movies that can depict a 360-degree panorama or a movable object can also be incorporated into a multimedia project. These virtual reality movies, often referred to as QuickTime VR movies, can be created with the QuickTime VR Authoring Studio and played back and incorporated into programs such as Director Academic, Final Cut Pro, Electrifier Pro, and QuickTime Pro.

Animation

Graphics that contain movement are often referred to as “animation.” Animation files can be downloaded from the Internet in the form of animated GIF files and viewed in Final Cut Pro, Director Academic, Electrifier Pro, and PageMill. Complex 2D and 3D animations can be created in Cinema 4D XL.