

K-6 Multimedia Elements

Multimedia is comprised of several elements including text, graphics, sound, video, and animation. The K-6 Multimedia kit includes tools and resources for working with each of these elements. Following are brief explanations of each multimedia element 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 HyperStudio to compose and edit their own text. Text-based information can also be gathered from resource CDs and the Internet. Applications such as Photoshop LE 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. 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 12,000. Original graphic designs can be created with applications such as HyperStudio, MovieWorks, 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 HyperStudio, MovieWorks, or SmartSound. 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 HyperStudio, MovieWorks, and SmartSound CDs.

Video

Moving images or video can be incorporated into a multimedia project as QuickTime movies. QuickTime Pro, HyperStudio, and MovieWorks 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 QuickTime VR Authoring Studio for playback and be incorporated into programs such as HyperStudio, MovieWorks, 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 with QuickTime Pro, HyperStudio, and MovieWorks. HyperStudio and MovieWorks can also be used to create and edit both frame and path animation.