

VIDEO

Video Scrapbook Overview

GOAL: Produce a personal scrapbook of pictures with sounds using multimedia equipment.

Measurable Learner Objectives	Crosswalk to Show-Me Standards	Instructional Activities	Assessment
Import sound files. D2	1.4, 1.8	Determine a theme and produce a video scrapbook from scanned and digital still pictures using video editing software. Manipulate the graphics/images for best results. Use audio and sound files as a background for the images. Proofread and correct the multimedia files. Copy the files to another form of multimedia as directed by the instructor.	Use the <i>Video Scrapbook</i> assessment to evaluate the pictures, video clips, and images captured; effective manipulation of the images; the sound and audio quality; timing within the presentation; and file management. Also evaluate transfer of files to a CD or some other multimedia source as directed by the instructor. Assess the scrapbook for correction of errors and typos.
Access and capture recorded and live audio from a variety of sources (e.g., laser disk, CD-ROM, video, microphone). D4	1.4, 1.8		
Edit sound files. D5	1.4, 1.8, 2.2		
Access and capture video clips from a variety of sources (e.g., laser disk, CD-ROM, video camera). E1	1.4, 1.8		
Alter frames per second. E3	1.4, 1.8		
Transfer digital video output to other media (e.g., videotape, disk, CD-ROM, Web page). E5	1.4, 1.8		
Create scanned images. C1	1.4, 1.8		
Manipulate scanned images (e.g., resizing, cropping, scaling, rotating). C3	1.4, 1.6		
Create digital camera images. C8	2.7		
Manage files. A7	1.4, 2.7		
Proofread and correct multimedia documents. A14	CA1, 2.2		

Activity originally developed by Jeff Cochran, Columbia Career Center; adapted and used with his permission.

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Video Scrapbook

Teaching Points

Overview

Companies exist that will take pictures from persons' scrapbooks and create a video file with the pictures, sounds, motions, and other multimedia effects. This assignment will allow students to scan pictures that already exist, capture pictures with a camera, use video clips, and capture sound to create a video scrapbook.

Content Review

Review and/or demonstrate the following as needed:

1. Using pictures/images: scanning, file formats, resolutions
2. Manipulating graphics/images
3. Creating and using audio and sound files and audio effects
4. Ripping audio files
5. Using motion effects for still pictures and text

Activity Preparation

Use a scanner to scan and save existing pictures and images.

Discuss saving pictures and images as different file formats.

Discuss resolutions for pictures and images and the impact on load time, file size, etc.

Demonstrate the use, manipulation, and saving of audio and sound files.

Discuss the selection of pictures and images to support a theme and use of audio and sound files as a background.

Discuss and demonstrate the effects for still pictures, images, and text.

Resources

Supplies needed for the activity:

Digital camera
Scanner
Printer
Paper
Computer
Internet connection

Audio and sound files
Head phones and microphones
Software

Web sites (and/or key words to use for search):

<http://www.lsc.cc.mn.us/admin/tech/mnsat.htm>

Creating an audio file

http://www.ccd.bnl.gov/visualization/docs/guides/audio_video.html

Adding audio to video files

<http://www.tcaps.com/ht/audio/default.htm>

Information on audio files

<http://www.intel.com/support/peripherals/audioplayer/3kplayer/createfile.htm>

Creating MP3 and/or WMA files

http://www.dl.nu/linux_cd_burning.html

Converting, copying, etc. files

http://hotwired.lycos.com/webmonkey/multimedia/audio_mp3/

http://hotwired.lycos.com/webmonkey/01/10/index3a_page2.html?tw=multimedia

Webmonkey Web sites

[http://www.milwaukee.k12.wi.us/pages/MPS/Teachers_Staff/Tech_Tools/Distance Learning Opportunities/Video Scrapbook](http://www.milwaukee.k12.wi.us/pages/MPS/Teachers_Staff/Tech_Tools/Distance_Learning_Opportunities/Video_Scrapbook)

Video scrapbook of Milwaukee Public Schools

Books, articles, and other resources:

Brown, T. (2004). *Cubase SX for Macintosh and Windows: Visual quickstart guide*. Berkeley, CA: Peachpit Press (Pearson Education).

Counts, E. L. (2004). *Multimedia design and production for students and teachers*. Boston, MA: Allyn and Bacon (Pearson Education).

Lich, B. (2003). *DVD burning solutions*. Boston, MA: Thomson Publishing.

Middleton, C. (2003). *Complete guide to digital audio*. Boston, MA: Thomson Publishing.

Roback, S. (2004). *Pro Tools 6 for Macintosh and Windows: Visual quickstart guide*. Berkeley, CA: Peachpit Press (Pearson Education).

Solomon, A.W. (2004). *Introduction to multimedia*. Columbus, OH: Glencoe (McGraw-Hill).

VIDEO
Video Scrapbook
Instructor's Approval Form

Video Scrapbook Theme _____

Instructor's Approval _____

Date _____

Submit this form with the instructor's signature when assignment is complete.

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Video Scrapbook Assignment

Activity Preparation and Assignment

Create a video scrapbook around a determined theme using still pictures and images, appropriate background sounds and audio files, and special effects. The production should be at least one minute, but not more than 2 minutes long.

Follow the steps/directions below for developing a video scrapbook:

1. Determine a theme for the video scrapbook and have it approved by the instructor. (See Instructor's Approval Form.)
2. Create a project folder entitled [*insert your name*] *scrapbook* to hold images, audio, title, and other project files.
3. Gather the content for the project:
 - a. Pictures (scanned at 150 ppi resolution and saved as TIFF files)
 - b. Name video clips and other digital images with recognizable, easy-to-remember names and order
 - c. Audio files and/or script
 - d. Titles.
4. Use 12 scanned and/or digital pictures, 2 or 3 audio clips and background sound effects, 2 or 3 plug-in titles.
5. Use different transition effects between each image/picture. Each picture/image is to be timed for viewing at least 5 seconds, but not more than 10 seconds.
6. Use appropriate fade techniques for audio files.
7. Use motion settings and fading for titles.
8. Save as a movie file and export the file to the project folder.
9. Copy the movie file to a CD, or other medium, as directed by the instructor.
10. Submit a print screen of the files in the project folder in Details view and a print screen of your timeline from the video software.

Resources

Web sites (and/or keywords to use for search):

http://hotwired.lycos.com/webmonkey/multimedia/audio_mp3/

http://hotwired.lycos.com/webmonkey/01/10/index3a_page2.html?tw=multimedia
Webmonkey Web sites

Key words: *audio, video, CD burning, multimedia creation*

VIDEO Video Scrapbook Assessment

Criteria	Excellent	Average	Poor
Captured Media (4) Quantity	4 Quantity meets requirements	3-1 Missing part of media	0 Media not captured
Theme (3) Consistency	3 Images and audio are relevant to theme	2 Some media are not relevant	1-0 Media inconsistent with theme/each other
Images (5)	5-4 Quality scans, appropriate aspect ratio	3-2 Images may be scanned off-center or have white borders	1-0 Scanning or images are distorted in movie
Audio (5)	5-4 Quality fades, quality audio, audio at same level	3-2 Audio levels “jump” or quality audio not captured	1-0 Audio levels inconsistent and of poor quality
Title/Design (3) Text	3 Readable typeface and size, contrast with background, inside safe-zones	2 Type size too small or poor choice of typeface	1-0 Unreadable and distracting text
Transitions (5)	5 Different transition effects used between each image	4-3 Missing a transition or duplicate transitions used	2-0 Missing many transitions
Motion Settings (2)	2 Motion settings professionally used on titles	1 Speed or effects of motion distracts from video	0 Motion settings not used
First Impression/Creativity (5)	5-4 Original, creative, and catches viewers’ interest	3-2 Some effort evident, more creativity needed	1-0 Lacks creativity

Student _____

Due Date _____

Date Submitted _____

Criteria	Excellent	Average	Poor
File Management (2)	2 Project folder w/sub folders appropriately organized	1 File organization problem(s)	0 Some files missing
Output (2)	2 Final project exported properly as MOV file	1 Not exported properly	0 Not exported
Subtotal			
			<i>Deduct 1 point for each uncorrected error =</i>
			Total Points =