

Teaching with Digital Video: Sources, Tools & Techniques

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Tech It Up

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<http://learningspaces.org/n/video.ppt>

Outline

- Examples of using videos
- Other instructional uses for videos
- You Tube, Google Video, other sites
- How to embed video
- How to “excerpt” video
- Tools for editing, converting, etc.

Examples of Use

- EDEF 320: Diversity in Education or “Forgotten Connections”
 - <http://learningspaces.org/connections/>
- “Internet Research Methods: A Canadian Perspective”
 - <http://learningspaces.org/n/irm/index.html>
- Masters of Education: Special Topics Course
 - <http://elearn.tru.ca>

Other uses

- Record your own videos and put them online
- Mix your own video
- Get your students to make videos
- Use online videos as a means of staying on top of your own / neighboring fields
- Use videos as a way of disseminating your research
- Put clips of stuff online

Instructional Strengths

- Representing complex visual or multi-dimensional phenomena
- Providing concrete visual evidence or illustration of something
- Introducing different (informed/expert) voices into a course or classroom
- As an alternative to textual communications (which still predominate on the Web)

YouTube

- Uses shockwave and/or flash
- in July 2006, the company revealed that more than 100 million videos were being watched every day, and 2.5 billion videos were watched in June 2006. 50,000 videos were being added per day in May 2006, and this increased to 65,000 by July
- YouTube policy does not give permission for anyone to upload content not permitted by United States copyright law, the organization frequently removing upon request a vast quantity of infringing content.

Google Video

- [iFilm](#), [Metacafe](#), [Veoh](#), [blip.tv](#) and [Outloud.tv](#)
- Google video searches include YouTube results as well
- Features Google techtalks
- Can download some videos in either AVI or MP4 format
- Accommodates higher quality files than YouTube; has special uploading software for files greater than 100 Mb

Other sites

- <http://www.vidipedia.org/Special:Video/398>
- <http://www.archive.org/index.php>
- <http://www.scivee.tv/>
- <http://livingroomcandidate.movingimage.us/>
- <http://archives.cbc.ca/>

How to: Embed existing Video

Google

- `<embed style="width:400px; height:326px;" id="VideoPlayback" type="application/x-shockwave-flash" src="http://video.google.com/googleplayer.swf?docId=1768253515976097575&hl=en-CA" flashvars="">
</embed>`

How to: Embed existing Video YouTube

- `<object width="425" height="355"><param name="movie" value="http://www.youtube.com/v/xjlbKaSXM3A&rel=1"></param><param name="wmode" value="transparent"></param><embed src="http://www.youtube.com/v/xjlbKaSXM3A&rel=1" type="application/x-shockwave-flash" wmode="transparent" width="425" height="355"></embed></object>`

How to: "Excerpt" Video from DVD (using free tools)

1. Use DVD decrypter:
 - <http://www.dvddecrypter.org.uk/>
 - Copy DVD files onto your hard drive (requires 6 Gb or more)
2. Use DVDx to convert to a windows media file (WMV): <http://sourceforge.net/projects/dvdx/>
3. Edit with Windows movie maker
4. Upload to Google Video/YouTube

Tools

Movavi Video Converter (\$29.99)

– <http://movavi.com/videoconverter/>

Movavi Video Suite (\$59.99) <http://movavi.com/suite/>

Divx Author(\$19.99)

– <http://www.divx.com/divx/windows/author/>

Free Editing online

– http://www.readwriteweb.com/archives/video_editing_20_8_ways_to_remix_videos.php

Copyright!

- In **theory**, limitations are significant
- In **practice**, there are many “workarounds”
 - YouTube and Google video have many copyright protected clips online; this is tolerated
 - YouTube and Google video take on significant legal liability in hosting video
 - Avoid high-profile sources (Disney, Hollywood)
 - Password protection; no “open” links