

Using YouTube Videos in Education

1. A wide range of videos with educational value are available on YouTube. YouTube, now owned by Google, provides an easy to use interface, a robust connection, and the largest collection of videos on the Internet. These videos are delivered in a streaming Flash format which efficiently uses bandwidth as the trade off of image quality. Viewing in the default image windows, the quality is acceptable.

2. Playback Controls

a. The video is downloaded but immediately begins to play. If your connection is slow, the video may pause to allow the streaming to catch up. Some teachers like to pause the video which allows the video to completely download before playing. The red bar indicates download status. The completely downloaded video is stored in the browser's Temporary Internet Files" for faster reply. You can even find these files and add an .FLV extension and play these videos if you like using the "back door" method.



b. To play the video in full screen, click on the  button in the lower right corner of the display. To return to the smaller window, press ESC.

c. A list of related videos is displayed at the end of the movie. You have no control over what YouTube will consider related. To play one of these related videos, simply click on the video. Most users consider this a "feature" as it helps users to become aware of videos which they may not have known about. If you embed the HTML, you may turn off the option to display related videos.

d. In YouTube you can create your own channel, select Favorites, Subscribe to a channel, and create a Playlist. This Playlist may be emailed, posted to site, and even customized as to the look and the content it contains. Visit YouTube's help menu for more information.

3. Dangers

a. YouTube Alternatives While some districts decide to allow students access to YouTube, more districts block it. As a compromise, districts may allow users with teacher accounts access, while blocking it for students. Yes there are inappropriate videos on YouTube. There are also educationally appropriate video on YouTube. While some of the educationally appropriate videos on YouTube may also be available on other sites, YouTube provides the largest quantity of videos and fast download speeds. It is the standard others are measured against.



4.

a. An abundance of YouTube alternatives are available, some specifically designed for education: TeacherTube, SchoolTube, OurMedia.

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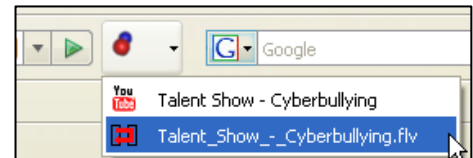
- b. YouTube competitors each provide their own features to try to users to use their site as an alternative. These include: Google Video, Yahoo Video!, MetaCafe, iFilm, Blip.tv, reever, heavy

Working Around YouTube Filters: *download YouTube video as an FLV file*

FLV Players

Why do I need this? By default, the installation of the Flash Player or Macromedia Flash development tool does not install any player associated with FLV files to read them as Windows Media Player, Real Player or QuickTime would do it when you click on any .wma, .mow, .rm files.

1. Save YouTube Files in FLV file format using a browser plugin and use an FLV player



- a. Save as FLV plugin for FireFox
Video Download Helper

<https://addons.mozilla.org/en-US/firefox/addon/3006>

Fast Video Downloader plugin for Firefox

<https://addons.mozilla.org/en-US/firefox/addon/3590>

- b. Save as FLV plugins and addons/scripts for IE

SWF Catcher www.sothinkmedia.com/swf-catcher-ie/index.htm

Video downloader www.viloader.net

Zunemytube http://www.freewarefiles.com/Zunemytube_program_25892.html

YouTube Video Downloader <http://iescripts.org/view-scripts-3p1.htm>

2. Popular free standalone players which play FLV

- a. Applian FLV Player www.applian.com/flvplayer/

- b. Wimpy Desktop FLV Player

www.wimpyplayer.com/products/wimpy_standalone_flv_player.html

- c. FLV Player

www.tekool.net/flash/flv_player/index_en.html

- d. VLC Media Player <http://www.videolan.org/vlc/>

- e. Real Player 11 (includes optional download FLV tools for FireFox) www.realplayer.com

- i. How to Download YouTube videos with Real Player 11

<http://www.lytebyte.com/2007/10/14/how-to-download-youtube-and-other-online-videos-using-real-player/>

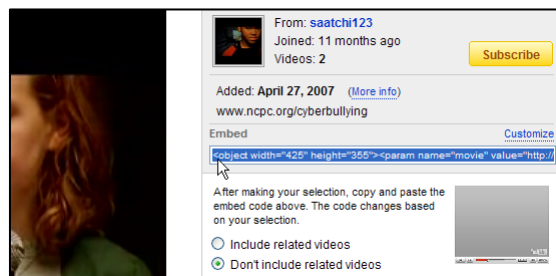


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- f. Riva FLV Player www.rivavx.com
2. Stand Alone YouTube/FLV converters (free)
 - a. AresTube Downloader
www.benjaminstrahs.com
 - b. Orbit FLV Downloader
www.orbitdownloader.com/Use-as-YouTube-Downloader.htm
 - c. Vixy.net Converter Desktop Version (BETA)
<http://vixy.net>
 - d. Moyea FLV Downloader
www.flvsoft.com/download_flv/
 - e. Jodix iPod Video Convert
<http://www.jodix.com>
 - f. Convert FLV file to AVI or WMV using the free VLC Media Player's transcoder.
<http://www.lytebyte.com/2007/04/25/how-to-convert-flvflash-to-wmv-avi-or-any-other-format/>
3. Online YouTube File Format Converter - the conversation may be *very slow*.
To use these online converters you paste the YouTube URL into the site and select a format to save it. Videos in a different format allow the video to be shown without an Internet connection or in schools where YouTube may be blocked. These videos may also be placed into PowerPoint or played in standard media players.
 - a. Vixy <http://vixy.net> - converts to .AVI or .MOV
 - b. ZamZar www.zamzar.com - converts to many formats
Nice article on Tony Vincent's blog on converting YouTube videos using ZamZar:
<http://tonyvincent.net/?q=node/33>
 - c. Media Convert <http://media-convert.com> Converts anything to anything else. Even sends converted files to a cell phone
 - d. YouTubeX www.videodownloadx.com - - converts to many formats
 - e. Convert YouTube www.convertyoutube.com - converts to/from many formats. It emails you a link to the converted video

4. Embed YouTube videos into Blackboard, Moodle, Blog, or website

- a. You can copy YouTube videos or a YouTube playlist to a Blackboard, Moodle, or blog site. However, if



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YouTube is blocked at the location where the video is to be played, e.g. at school - the video will still be blocked. You would be better to convert the video to a different format and paste the converted video into your site.

b. Steps to embed a YouTube video

i. Before copying click the Customize button and click "Don't include related videos" choice. This way, when the video is done being played, a list of related videos will not be displayed. While the displayed videos may be relevant, this is dynamic and the choices may change and you cannot control what is considered "related" by YouTube.

ii. Copy the "embed" web address from the YouTube video.

iii. Open your application such as Blackboard, Moodle, WikiSpaces or Edublogs and get to a location where you can add content.

1. Some applications have a specific gadget for adding a YouTube video. Blackboard requires you to get to a new page and paste the copied Embed HTML text.

2. In Blackboard, toggle to the HTML mode (<>) symbols.

3. Paste in the HTML text. Toggle out of HTML mode by clicking the <> a second time. Your video should now be displayed.



Other

1. Using YouTube videos in PowerPoint

a. Add a button to PowerPoint 2003 or PowerPoint 2007

<http://presentationsoft.about.com/od/powerpoint972003/ss/071215youtube-2.htm>

b. http://howto.wired.com/wiki/Embed_YouTube_Videos_in_Your_PowerPoint_Presentations



2. Legality of Converting YouTube files

a. Kathy Schrock says, "Be careful with this "ripping" idea since it seems to violate the YouTube usage policy. See letter C on this page: <http://www.youtube.com/t/terms> " from her blog posting... <http://kathyschrock.net/blog/2008/01/youtube-is-cool.html>

3. Others sites to explore: Omnisio www.omnisio.com