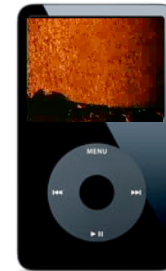


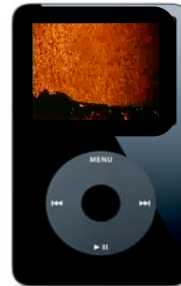
The MegaVCR: Media and More in Your Pocket

x 16 =
x 4726=



Hall Davidson
Director, Discovery Educator Network
DiscoveryEducatorNetwork.com
LearningAddsUp.com
hall_davidson@discovery.com

Tools



Handouts

1. www.LearningAddsUp.com
2. www.DiscoveryEducatorNetwork.com
3. www.halldavidson.org

Give me until Saturday, July 8

Or come by the Discovery Education booth

PS iPods are given away every session.

We'll talk about it...today

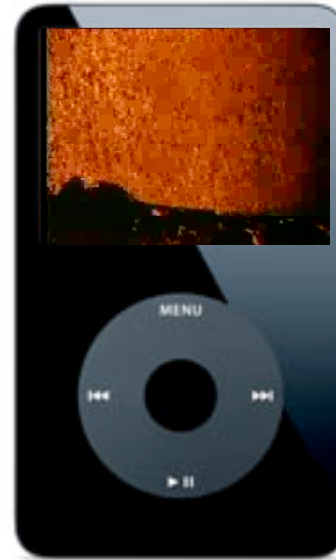
www.kzowebcasting.com/NECC

This presentation contains personal statements that do not reflect the opinion of NECC, Discovery Communications, or anybody with enough sense not to make the giant Google mad.

The MegaVCR: Media and More in Your Pocket



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Things a MegaVCR will hold:

- Videos
- PowerPoints
- Software Output
- Flash
- Music
- Photos
- Animated Gifs

Cross platform

- Windows
- Mac



Overview Cost Comparison

iPod vs VCR

\$250 vs \$50

\$250 vs More than \$50 (historically)

Classroom televisions (old) vs projector (new)

Staff time



Extra Costs

	Apple	Windows
Video	Free	Free
PowerPoints <i>et al</i>	Free <i>but really \$29.95</i>	\$29.95
Software (iTunes)	Free apple.com	Free apple.com
QuickTime Pro	\$29.95	\$29.95

Possibilities



4th grade



Life Science



Fractions



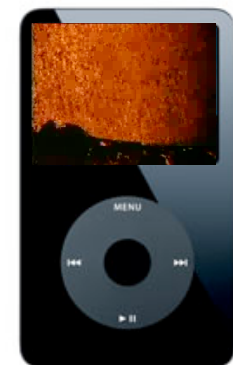
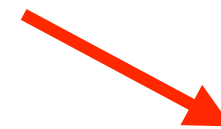
Biographies

Downloading Movies for the iPod



Windows or Mac

QuickTime file



Download


Right click (ctrl click) to download video file. Select QuickTime compatible files, e.g., .mov, .qt, .avi, MPEG1, MPEG4 (not .wmv).

Internet Archive: Details: Choosing 1963

http://www.archive.org/details/Choosing1963

Google Blog Wiki Teacher of The Year unitedstreaming DEN The Cardiology Com...

Batting Average: 23%



[View thumbnails](#)
Run time: 18:00

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[Choosing1963_256kb.rm](#)
[MPEG4](#)

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[256Kb MPEG4](#) (50 MB)
[Cinepack](#) (63 MB)
[MPEG1](#) (205 MB)
[MPEG4](#) (289 MB)
[MPEG2](#) (469 MB)

All files: [FTP](#) [HTTP](#)

Illustrates the purposes of educational films and the sta

Producer: McGraw-Hill Films
Audio/Visual: Sd, C
Keywords: [Motion pictures: In education](#)

Creative Commons license: [Public Domain](#)

Reviews

Average Rating: ★★★★★☆

Reviewer: [Mr.](#) - ★★★★★☆ - June 16, 2006
Subject: Hey, that's Herk Harvey!
I just wanted to point out that Herk Harvey, the Centron Souls," is the presenter in this movie. In fact, Harvey r films.

Reviewer: [GE Pretzel](#) - ★★★★★★ - June 16, 2006
Subject: Solid analysis of the educational applications
Many of the teachers of yesteryear were not well aware various subjects. The presenter of this erudite Centron emphasizing how they can assist teachers in conveying to explain through the use of traditional teaching tools. . films into the curriculum, he relies on a set of interestin would expect, the subject matter is used as a vehicle to McGraw-Hill, but each one is judiciously used to subst illustrate the importance of classroom films.

Download

At unitedstreaming, right click (ctrl click on a Mac) the floppy disc icon to select QuickTime. Be sure not to select Windows media for this application.

The screenshot shows a web browser window with the address bar displaying `http://www.unitedstreaming.com/search/assetDetail.cfm?guidAssetID=BB9A9E5A-`. The page title is "unitedstreaming.com - Full Video Details". The browser's address bar includes search engines like Google, Blog, Wiki, and various educational portals.

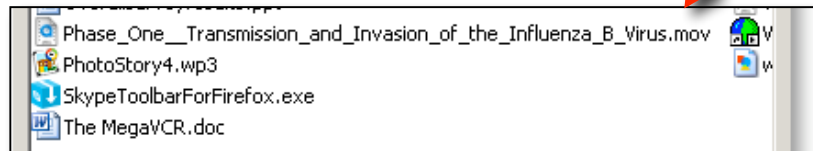
The main content area features a video player on the left showing a person in a white lab coat using a glass flask and a magnifying glass. Below the video player is a "Media Settings" section with options for "Closed Captioning" and "Media Type Selection". Under "Media Type Selection", three options are visible: "Windows Media", "Windows Media Hi-Speed (720p)", and "QuickTime". The "QuickTime" option is circled in red.

On the right side of the page, there is a list of video segments under the heading "Greatest Discoveries with Bill Nye: Chemistry (44:10)". The list includes 18 segments, each with a floppy disc icon and a checkbox. The segment "Periodic Table of the Elements ()" is circled in red.

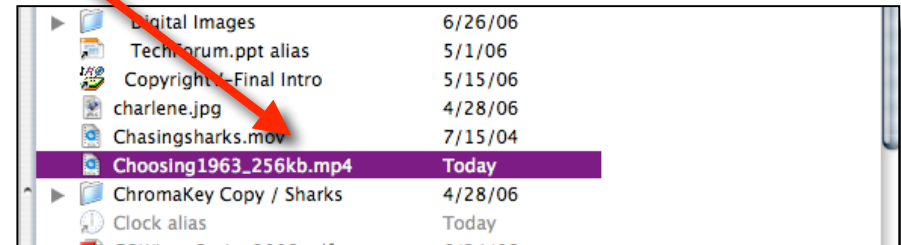
Segment	Select To Add
Oxygen and Atoms ()	<input type="checkbox"/>
Oxygen ()	<input type="checkbox"/>
Atomic Theory ()	<input type="checkbox"/>
Atoms Combine Into Molecules ()	<input type="checkbox"/>
Chemical Structure and the Periodic Table of Elements ()	<input type="checkbox"/>
Synthesis of Urea ()	<input type="checkbox"/>
Chemical Structure ()	<input type="checkbox"/>
Periodic Table of the Elements ()	<input type="checkbox"/>
Chemicals and Electricity ()	<input type="checkbox"/>
Electricity Transforms Chemicals ()	<input type="checkbox"/>
Atoms Have Signatures of Light ()	<input type="checkbox"/>
The Electron ()	<input type="checkbox"/>
Chemical Compounds and Radioactivity ()	<input type="checkbox"/>
Electrons Form Chemical Bonds ()	<input type="checkbox"/>
Radioactivity ()	<input type="checkbox"/>

The video file will now be on your computer.

Windows

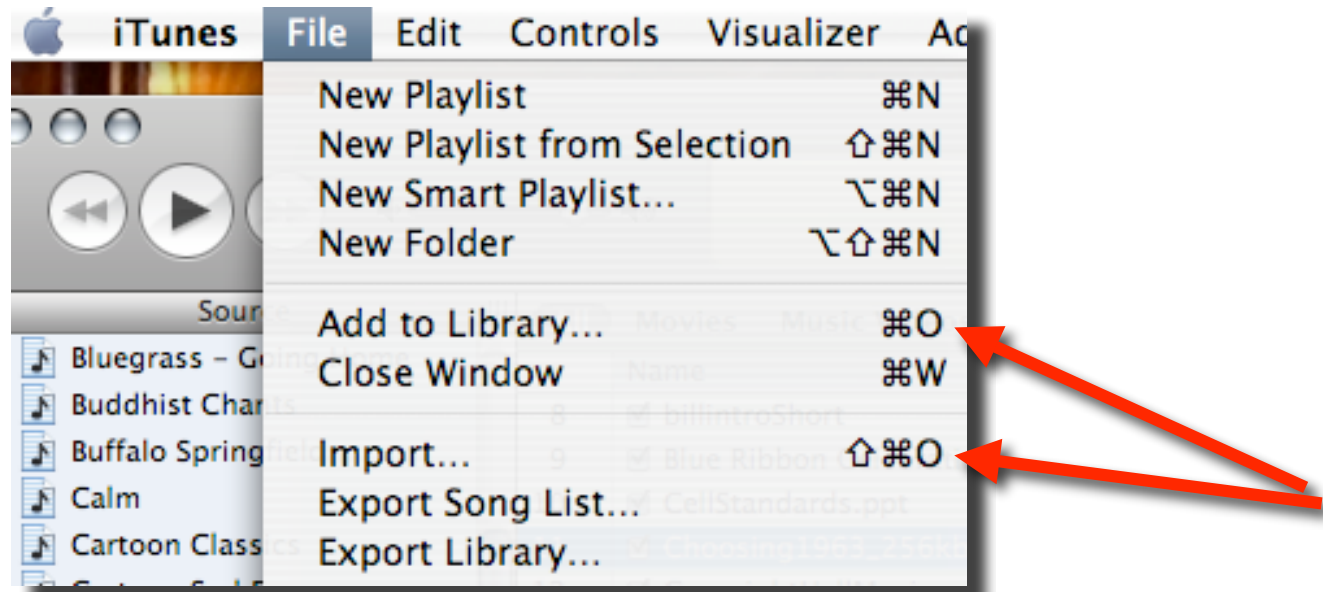


Mac



Import or Add to Library (iTunes)

Windows or Mac

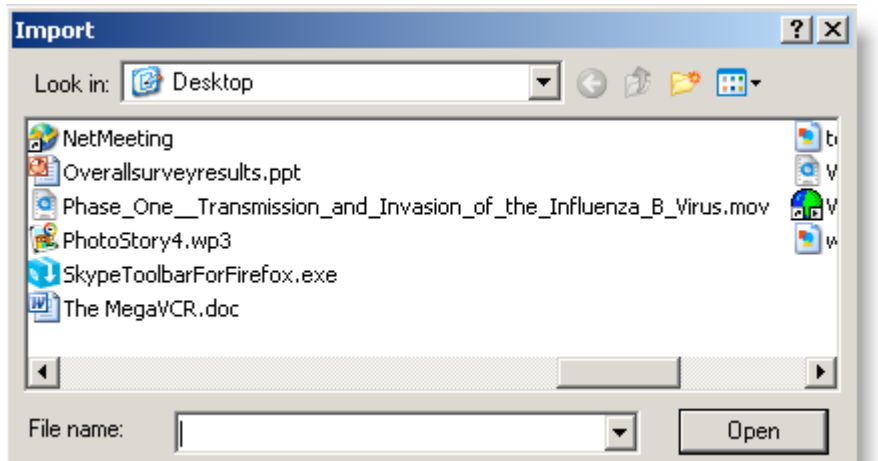


1. Open iTunes
2. Locate file
3. Import file

Note: iTunes can be downloaded free at apple.com (Windows, Mac)

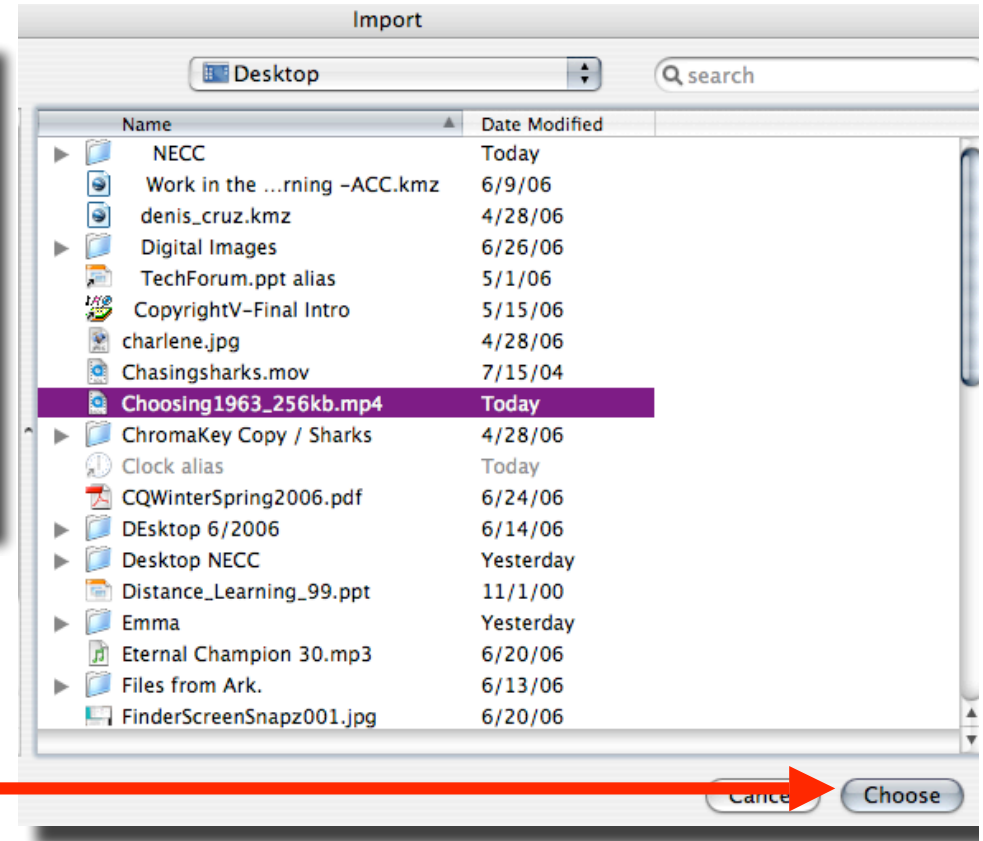
Choose/Open file

Windows

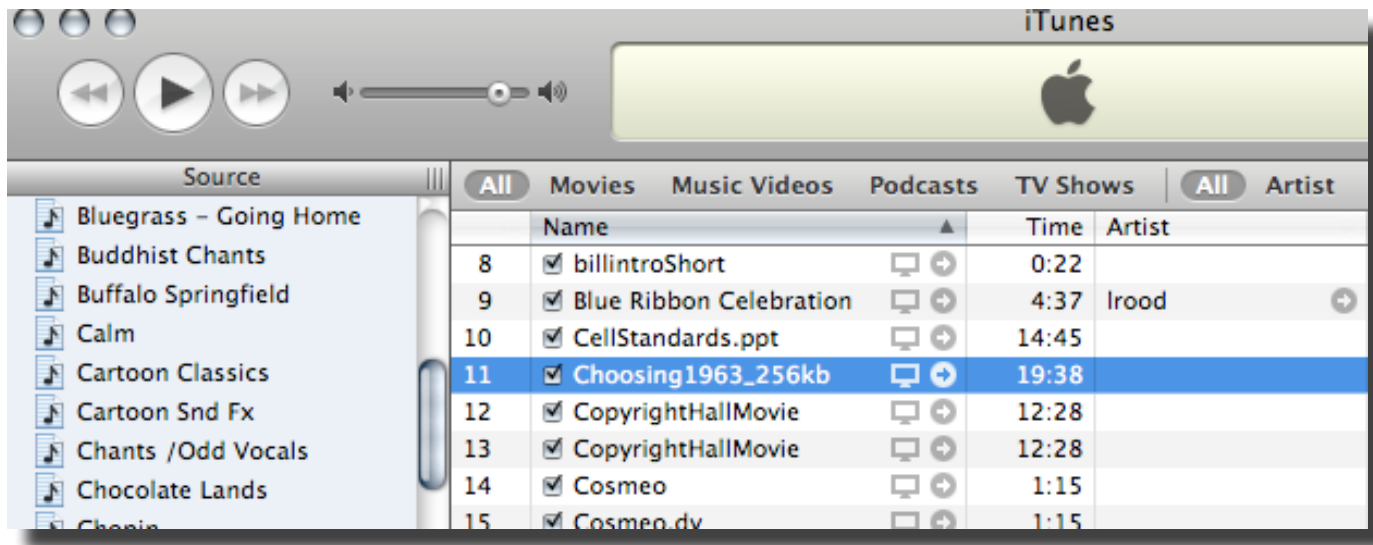


1. Locate file
2. Open/Choose

Mac



It's now in the library.

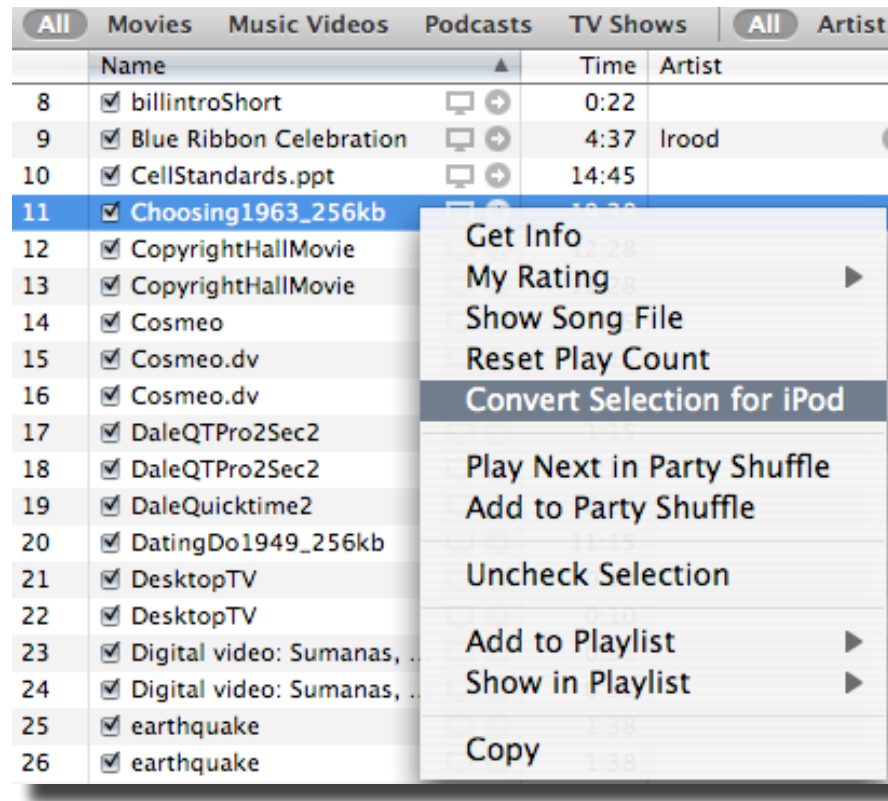


Convert Movie to Use in iPod

Mac or Windows

Convert Movie to Use in iPod

Mac or Windows

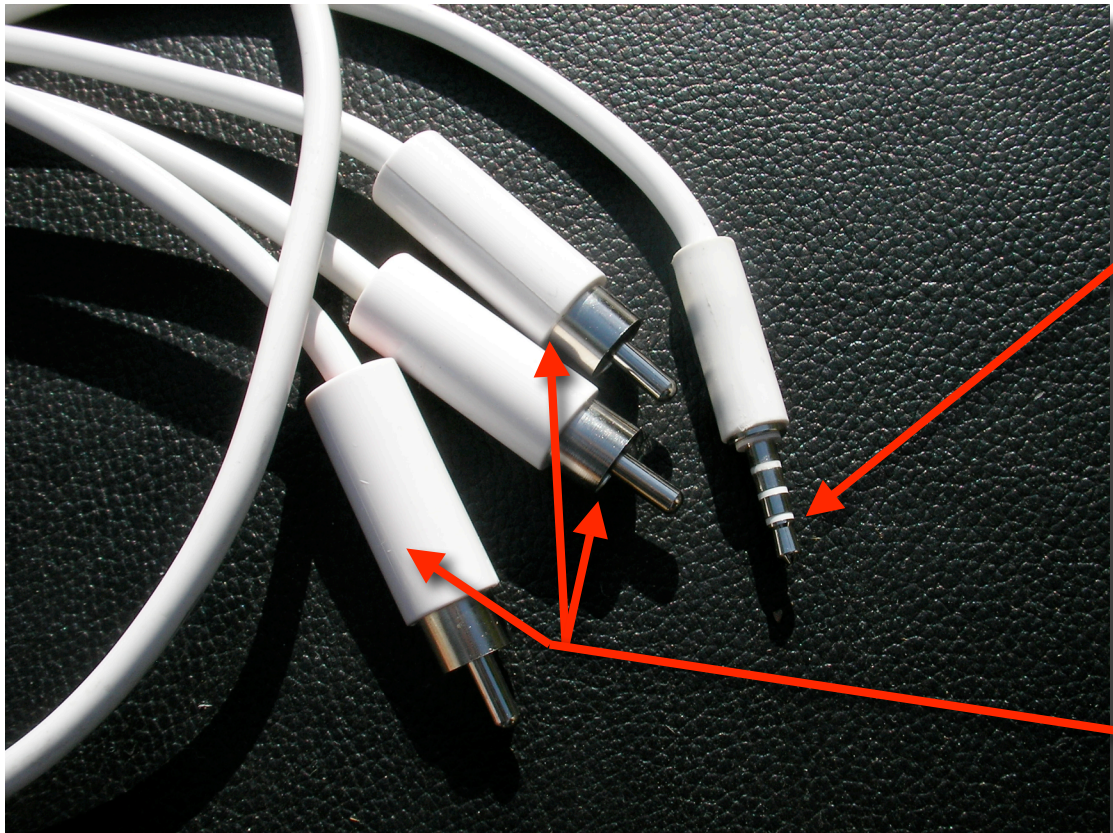


Right click
(Windows)



cntrl click
(Mac)

Connect to TV or VCR

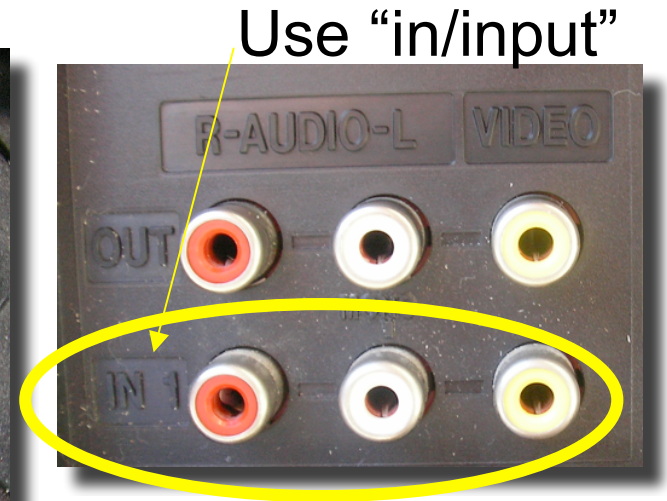
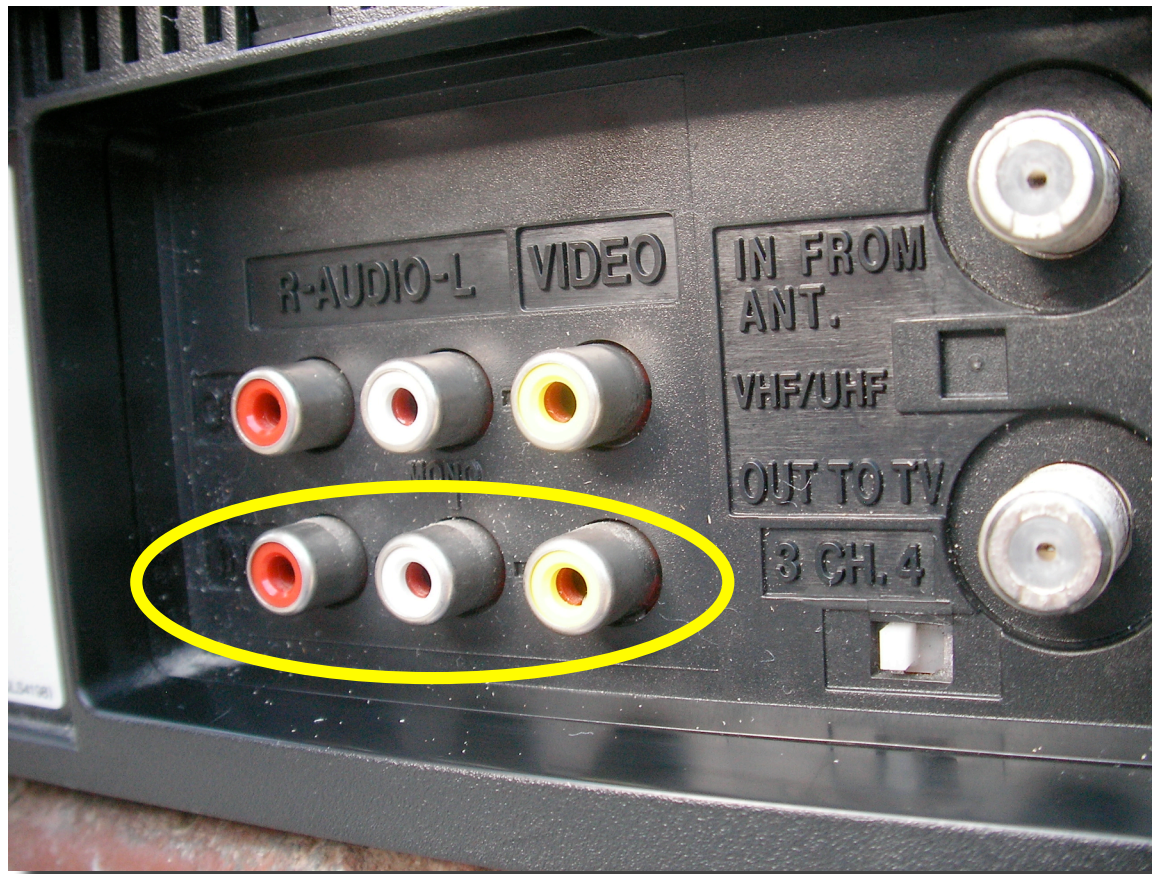


Plug into iPod
“earphone.”

Plug into RCA
jacks on VCR or
TV.

You will need to buy a cable (\$15 to \$30) at computer store, Radio Shack, etc. Guerilla note: A camcorder-to-TV cable will work! But on camcorder cables, match the colors differently (!!!). Red = Yellow

Into the TV or VCR



Where the cable goes on a TV monitor or VCR.

Note: These are "RCA female" inputs. For more detail on what these things are called and how they work, get the free download "The Nuts and Bolts of Digital Video" at halldavidson.net

TV or VCR

This should *not* be showing a number on most units.



Make sure you tell the TV monitor or VCR to **switch** to the inputs --and not the television tuner. It will then say “line” or “aux” or “input”, etc. If you’ve lost the remote, try moving the channel selector down past (channel) 2.

For Better Visual Quality

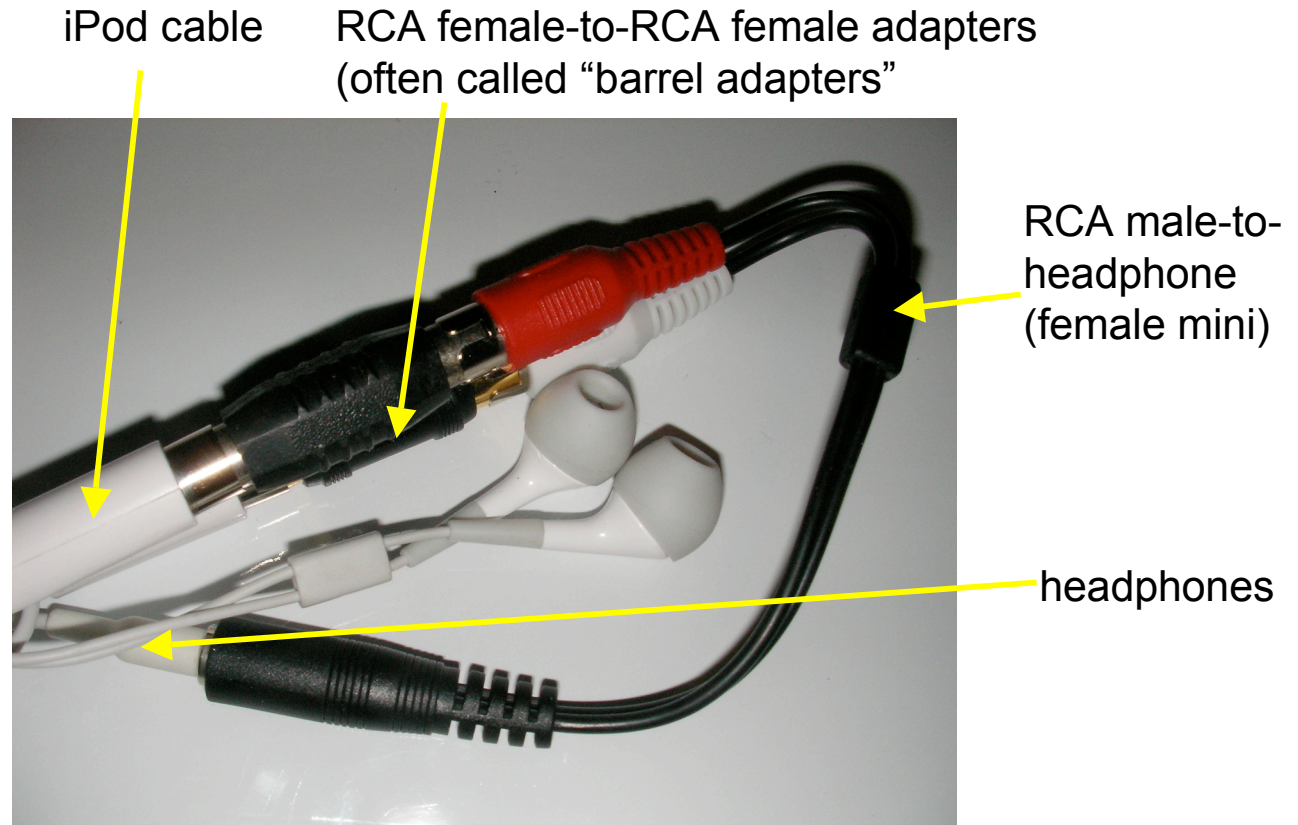


If your classroom television/monitor has S-Video connectors, you can make your PowerPoints and videos look *much* better by connecting with S-Video

Note: You might have to buy the “cradle” that has the S-video out (\$29 at the Apple Store). They also sell remotes for this cradle with pause, rewind, etc.

You can still use headphones.

By connecting the audio outs to a headphone adapter, kids can watch the videos on TV without disturbing the rest of the class. Or you can use the same adapter to connect the video iPod to a speaker system.



Note: For more detail on what these things are called and how they work, get the free download "The Nuts and Bolts of Digital Video" at halldavidson.net

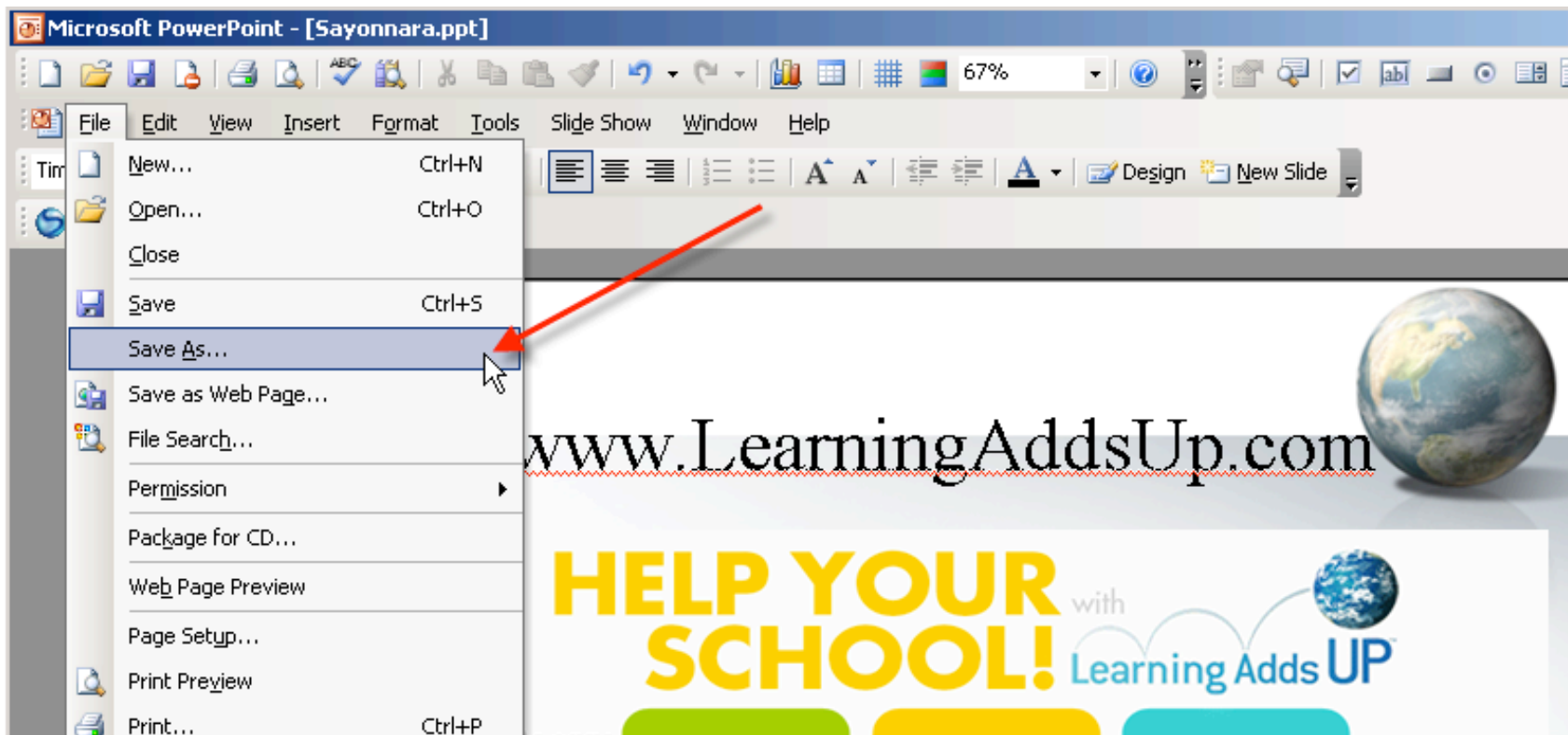
Now how about something besides videos in the iPod!

Like PowerPoints, morphs, KidPix projects, software output, and more!

Let's start with the hard one: PowerPoints.

PowerPoint to Movie

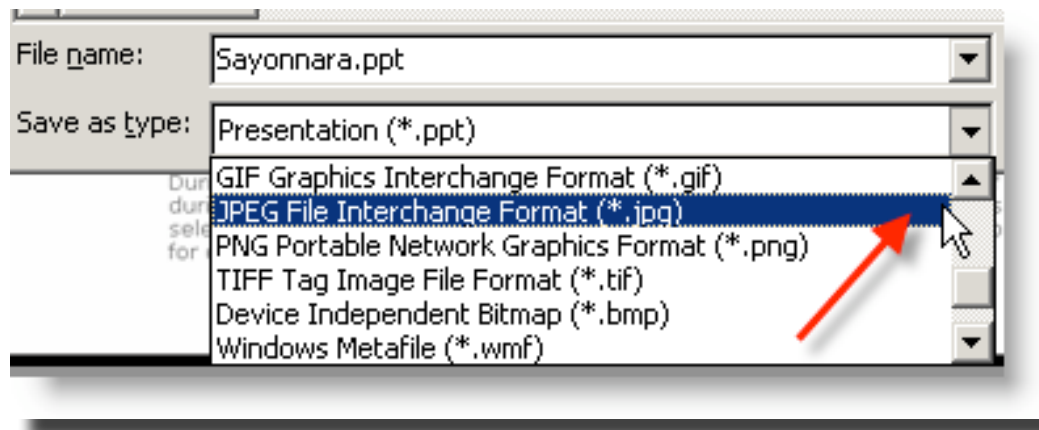
Windows



Open a PowerPoint then do a **Save As**.

PowerPoint to Movie

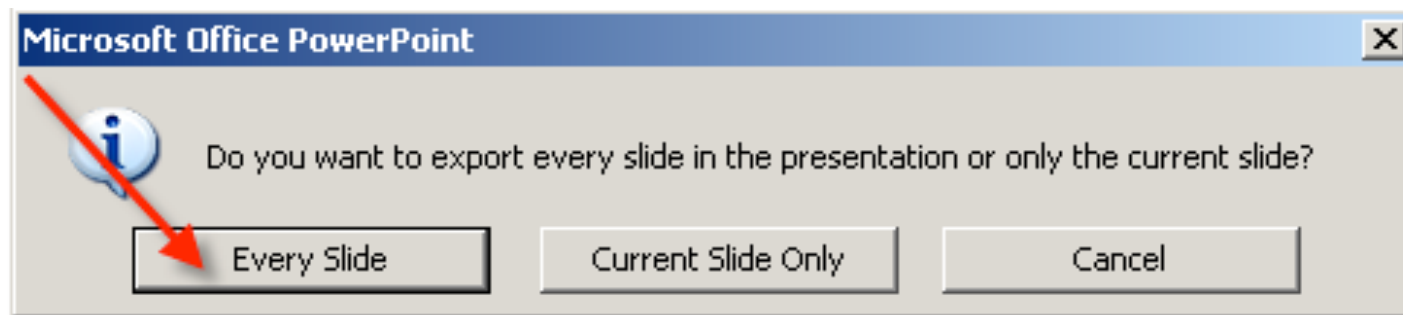
Windows



Save As a JPEG file.

PowerPoint to Movie

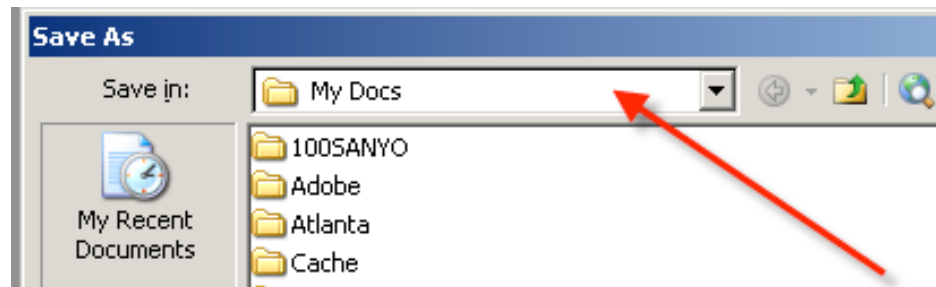
Windows



Choose **Every Slide**.

PowerPoint to Movie

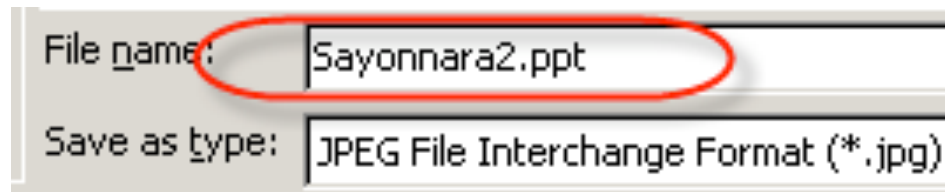
Windows



If it offers you the choice of places to save, pick a place you'll remember. If it doesn't give you a choice it will save it to your default choice.

PowerPoint to Movie

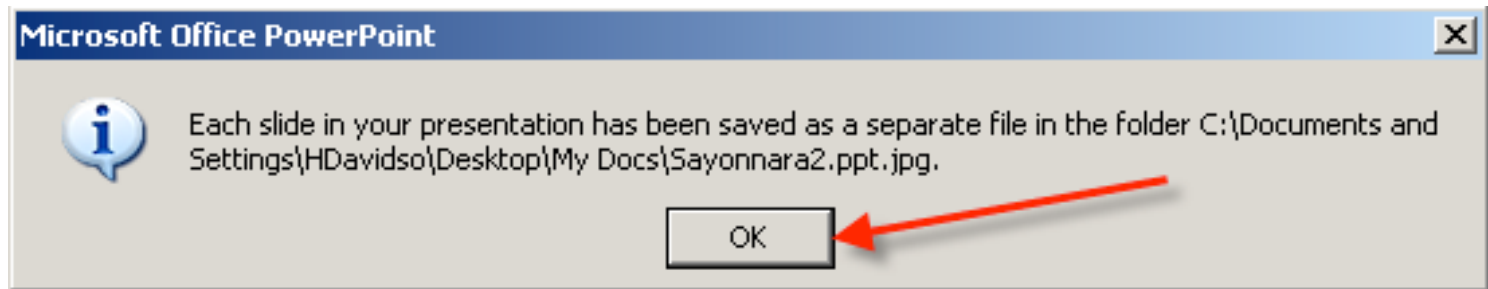
Windows



It will probably automatically name your folder the same name as your PowerPoint. If not, name the folder and file.

PowerPoint to Movie

Windows



It will tell you where your file is saved.

PowerPoint to Movie

Windows

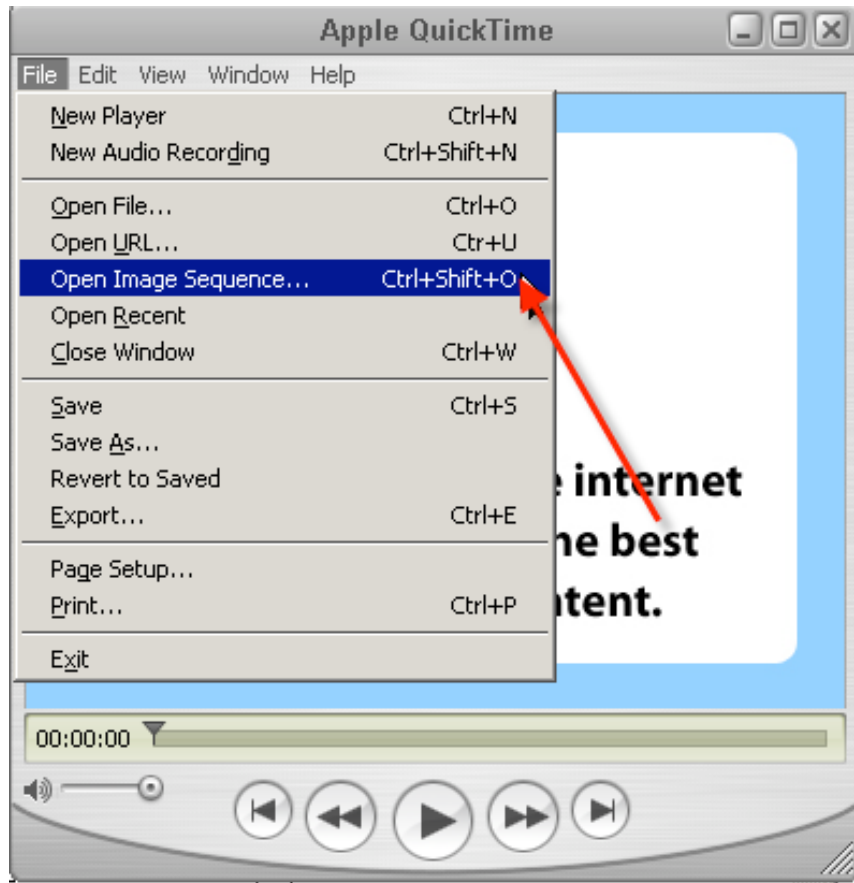


First, open the QuickTime player. You can launch the player itself from the applications file (Start>Programs>QuickTime) or you can just open any QuickTime movie or file.

QuickTime Pro can be downloaded for \$29.95 at apple.com. Actually, it's not a download. Apple will give you a key that you enter in the free QuickTime player. The free player is a download at apple.com. Buying the Pro version is worth it for many reasons. This is just one of them.

PowerPoint to Movie

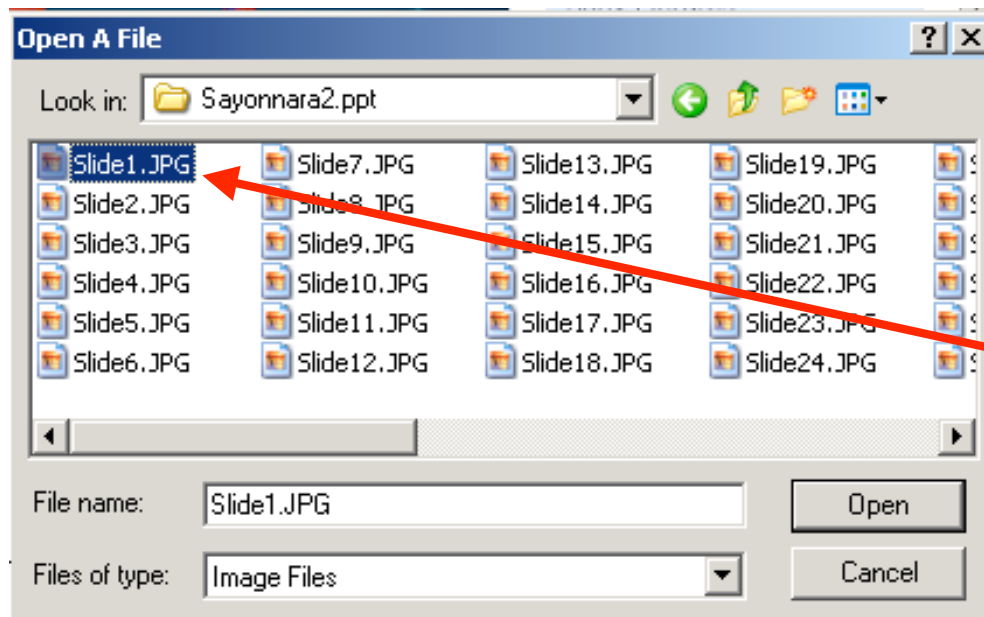
Windows



Under **File**, choose **Open Image Sequence**.

PowerPoint to Movie

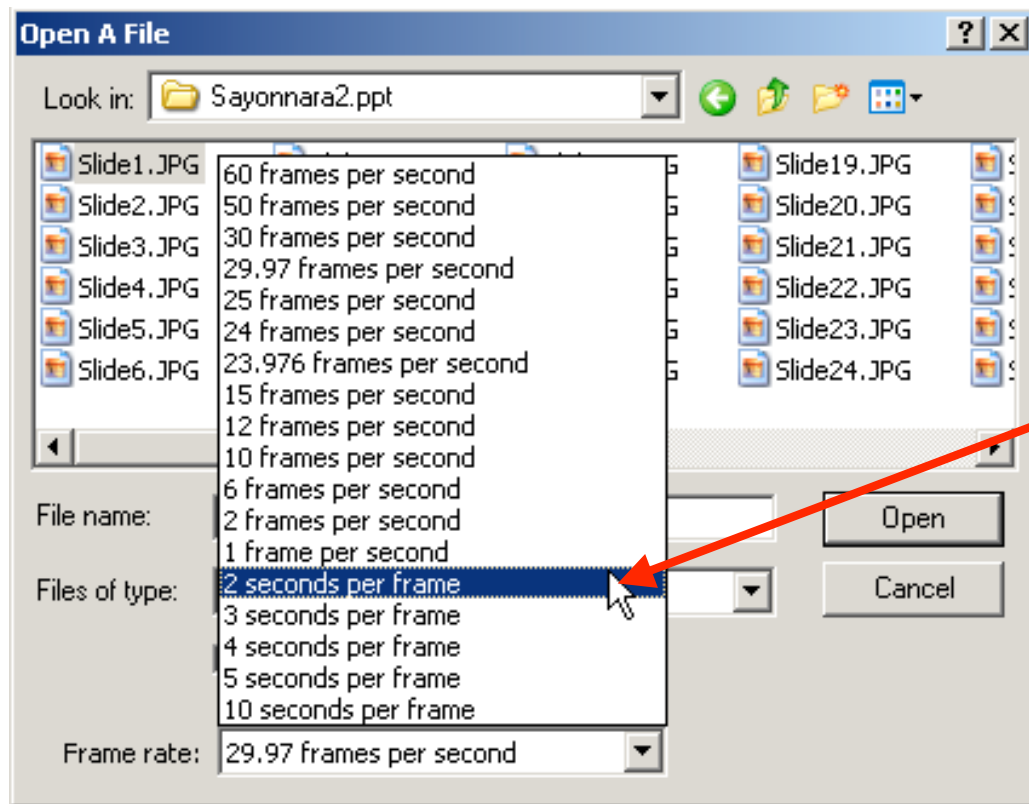
Windows



Select the first slide. You don't have to select them all!

PowerPoint to Movie

Windows



You can select how fast you want the PowerPoint movie to play. 2 seconds per frame is a good place to start.

When you hit **open**, you will have created a new movie made from your PowerPoint! The movie will automatically launch.

PowerPoint to Movie

Windows



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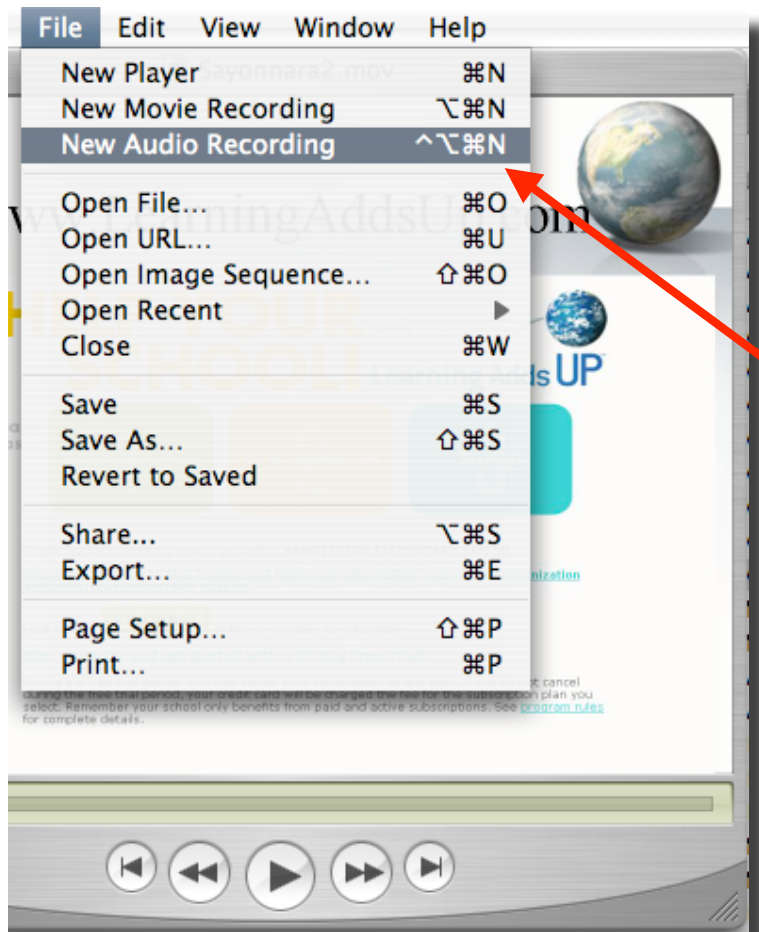
This is the QuickTime movie made from the PowerPoint in the example. You can now rename it, play it, or save it!

Note# 1: Videos embedded in the PowerPoint will be lost (but there is a way to reinsert them!).

Note #2: Transitions and animated gifs will be lost when the movie is made.

PowerPoint to Movie

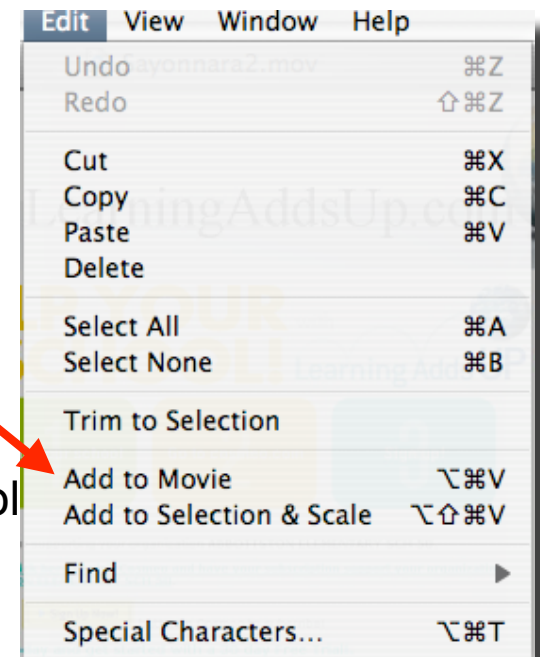
Windows



Bonus! You can also create a new sound track or narration for your new movie by simply selecting **File>New Audio Recording**.

You then **Add to Movie**.

Experiment to master this new tool



PowerPoint to Movie

Windows



Here's a video of how it works, starting with the open QuickTime application.

PowerPoint to Movie

Windows



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PowerPoint to Movie Windows

The PowerPoint movie. The videos you want to insert in the PowerPoint..



Blend video segments individually.

- Convert videos (right click in iTunes).
- Open the video files using QuickTime Pro (they are in the iTunes Music folder).
- Copy and Paste where you want them to play in the PowerPoint movie.

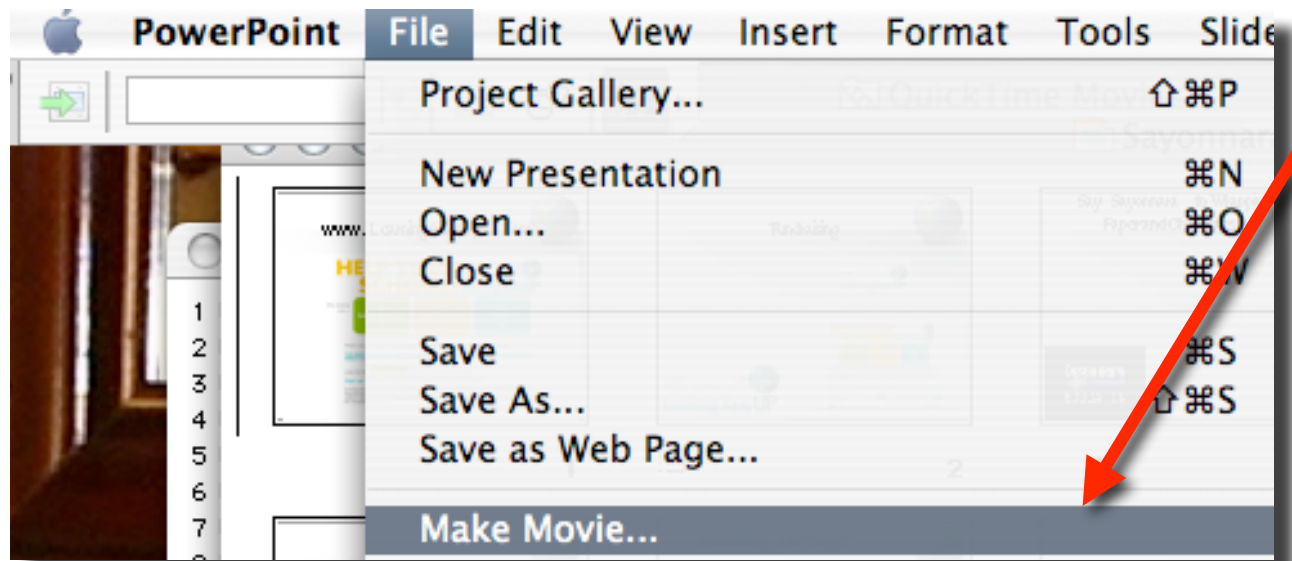
PowerPoint to Movie

Mac

It is a simple, one keystroke
process on a Mac.
(Mac's win this one.)

PowerPoint to Movie

Mac



Under **File**, simply click **Make Movie**. A movie will be made from your PowerPoint!

Note #1: Embedded videos will automatically play inside the slides!

Note #2: Transitions and animated gifs will be lost when the movie is made.

The MegaVCR: Media and More in Your Pocket

Note: The use of this tool will only be as effective as the materials inside. Make or choose great stuff!

Quality here



x 16 =

x 4726=

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