Video Compression Using Handbrake

*NOTE – Videos of children in classrooms must not be posted on any social media or websites and should only be viewed by those designated on the parental consent forms.

Handbrake software is an easy way to ready video for the web. It is Open Source, free, and widely used. It runs on Windows and Mac computers. It creates videos which can be played back on default players of Windows, Mac, others including iOS.) Download the software from Handbrake's site (http://handbrake.fr/downloads.php) or from http://download.cnet.com (input Handbrake in search box). Please use ONLY these web addresses; some students who have used other websites have had their computers damaged by viruses.

Compression/Conversion Steps

1. Start Handbrake

👑 HandBrake		
File Tools		
🞬 Source 🗸 🕑 Start 💽 Add to Queue 🔹 📷 Show Queue	Preview Activity Window	😢 Help 🗸
Source: Select "Source" to continue		Presets
Title: Angle: Chapters	through Turation:::	Devices
Destination:		Universal
File:	iPod	
Output Settings (Preset: Normal)		iPhone 4
Container: MP4 File Large file size Web optimized iii iii	Pod 5G support	iPad
		AppleTV
Video Filters Video Audio Subtities Chapters Advanced		AppleTV 2
Size	Cropping	AppleTV 3
Source:	Automatic	Android Mid
Width: 0 🖨 Height: 0	Custom	Android High
Keep Aspect Ratio	Тор	Normal
Anomorphics Periot	0	High Profile
Anamorphic: Succ	Left 0 🗘 0 🌲 Right	- Legacy
Dispidy Size. 0x0		Classic
	Rottom	iPod Legacy
	Dottom	
		Add Remove 😥 Options •

2. Set or see where your output file will be stored.

(Click Tools > Options > Output Files > Default Path: ___)

Options	×						
Options Configure the HandBrake user interface.							
General Output Files Preview Audio and Subtitles System and Logging Advanced Output Files: Automatically name output files 							
Default Path:	Click 'Browse' to set the default location Browse Available Options: {source_path} or {source_folder_name} (Not Both)						
Format:	{source}-{title} Available Options: {source} {title} {chapters} {date}						
☑ Remove Ur MP4 File Exten	nderscores from Name 🛛 Change case to Title Case Ision: Automatic 🔹						

If box does not cite a folder, click Browse, select Desktop or other destination, and then Close.

3. Select your Source video file (Ctrl+O) as input. Within moments, Source, Duration, etc. will populate (be automatically filled in).

ſ	HandBrake
Я	File Tools
	🞬 Source 🗸 🍌 Start 💽 Add to Queu
Ч	Source: Select "Source" to continue
	Title: 🗾 🗸 Angle:
	Destination:
	File:
	Output Settings (Preset: Custom)
_	

4. In the Destination box, the path to output folder with a default file name appended will pre-populate. Leave file name as-is or edit it if you wish. Be sure to keep the period and three-letter extension.

5. For Output Settings*, set "Container" on MP4 File then check Web optimized option.

Note: MP4 files open on either Windows or Mac default video players.



Select the Video tab and set Avg Bit Rate (kbps) of 256 (or in older versions set target file size MB: 100) Just leave unchanged Video Codec: H.264 (x264 and Framerate (FPS): Same as Source.

Picture	Video Filters	Video	Audio	Subtitles	Chapters	Advanced	8
Video	,						Quality
Video	Codec:	H.264	ł (x264)	•]		Constant Quality: RF:20
Frame	rate (FPS):	Same	as sourc	e 🔻			
		⊚ Co ⊚ Va	nstant F riable Fra	ramerate amerate			Avg Bitrate (kbps): 256 2-Pass Encoding Turbo first Pass

7. Press the green Start button (will change to red Stop button while running).



Relax while software works through file. Allow about 2 minutes per duration minute.

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