



FLORIDA VIRTUAL
SCHOOL

Audio/Video Specifications (v5.1)

Compression:

The better the quality of audio/video, the more “quality” or data you can take away during compression.

Video Source Files:

All original source files (video source files and NLE project files) must be retained and made available in appropriate shared source locations.

Video Export:

- MP4

Video Specs:

File format: .mp4 (h.264)

Profile (if applicable): baseline

4/3 Resolution: *480x352 is preferred; 480x360 is acceptable

16/9 Resolution: *640x352 is preferred; 640x360 is acceptable

4/3 Bitrate: 756kbps VBR

16/9 Bitrate: 1Mbps VBR

*divisibility by 16 ensures most efficient mp4 decoding

Frames per second: 30 (or 29.97 if necessary)

Audio Format: AAC 44.1kHz

Audio Bitrate: 64kbps (mono)

File size: We have had some instances of videos not loading on iPads and other mobile devices if file size is over 10MB. Please consider this if your video is required to run on mobile devices and keep file sizes as low as possible.

Videos should be shared in best quality format since they will be uploaded to media server and transcoded to a variety of options.



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Audio Export:

One file format is needed for master original: WAV – which must be exported as .mp3 for the Web.

Voice Specs: 44.1kHz mono 64kbps

Music Specs: 44.1kHz stereo 128kbps

Embedding:

Both video and audio output formats will play with the current Course Framework 4.0.