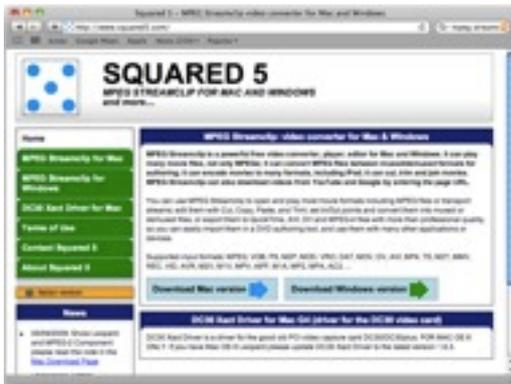


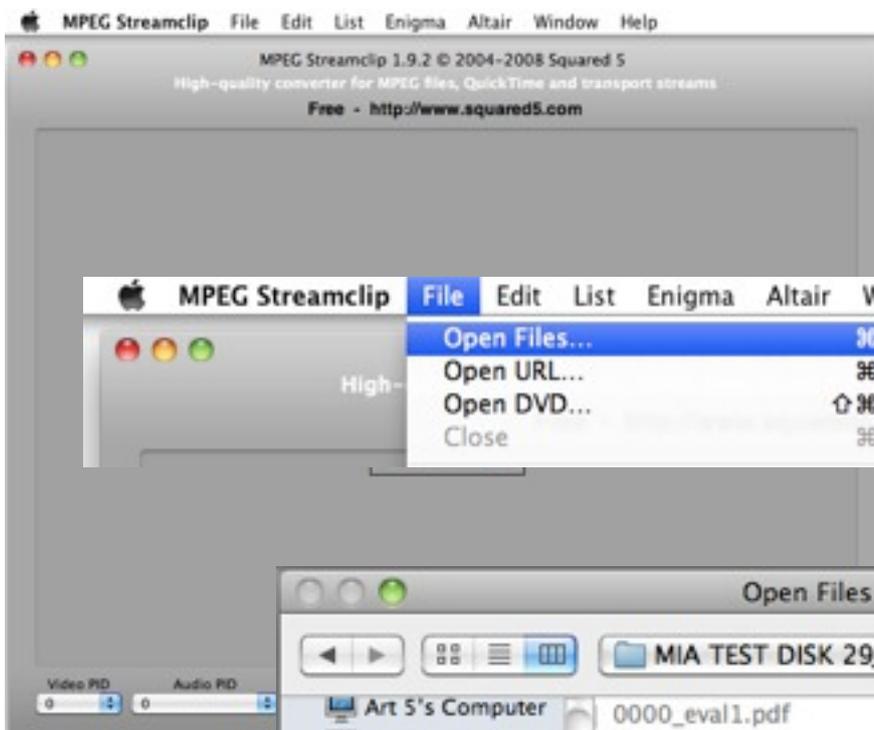
# GCSE Moving Image Arts

## Compressing Video Using MPEG Streamclip



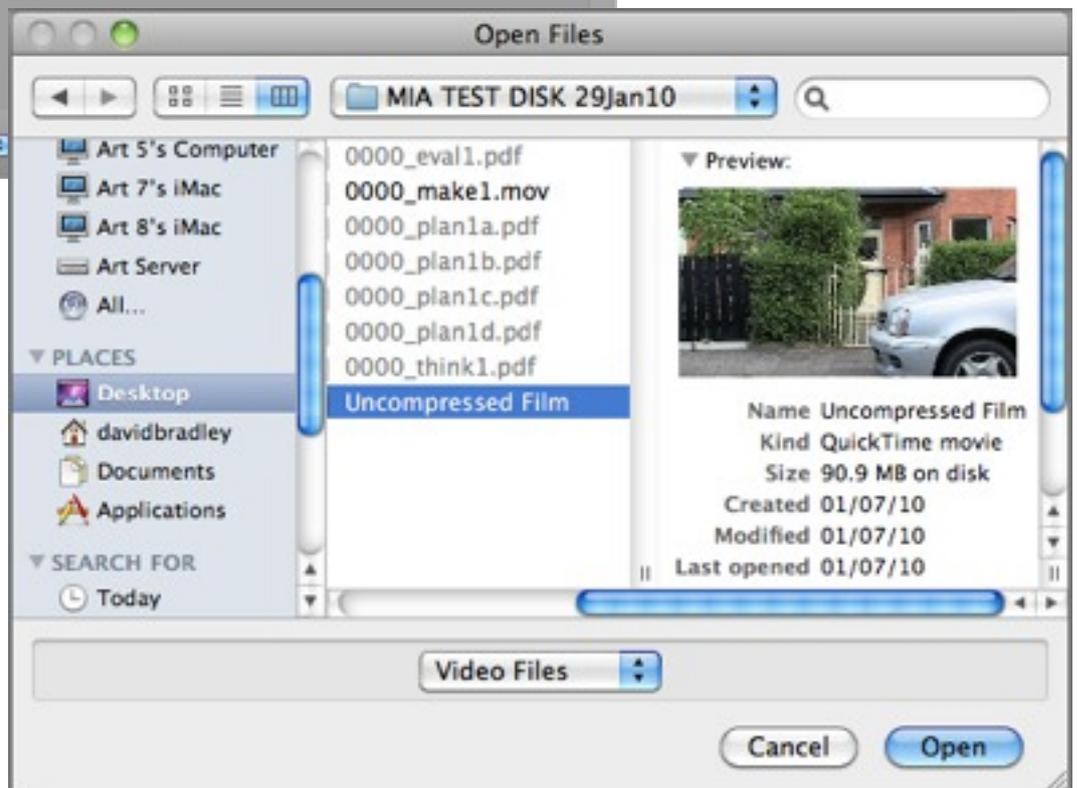
MPEG Streamclip is a video encoding and compression tool. It is FREE and available for both the Mac and PC. To get MPEG Streamclip visit <http://www.squared5.com> and download the version for your computer.

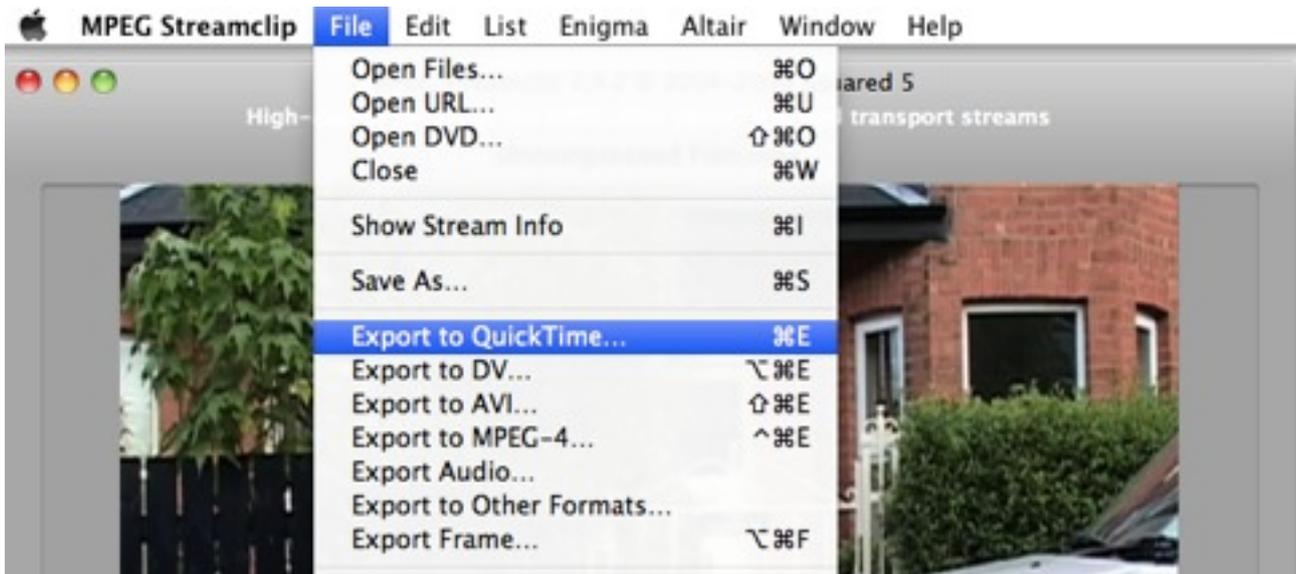
Once you have downloaded and installed the software, open it and you will see this window. This is where we load the full quality film that you want to compress for submission through the E-Portfolio system.



To load the video, click on the 'File' button at the top of the screen and choose 'Open Files...' from the drop-down list.

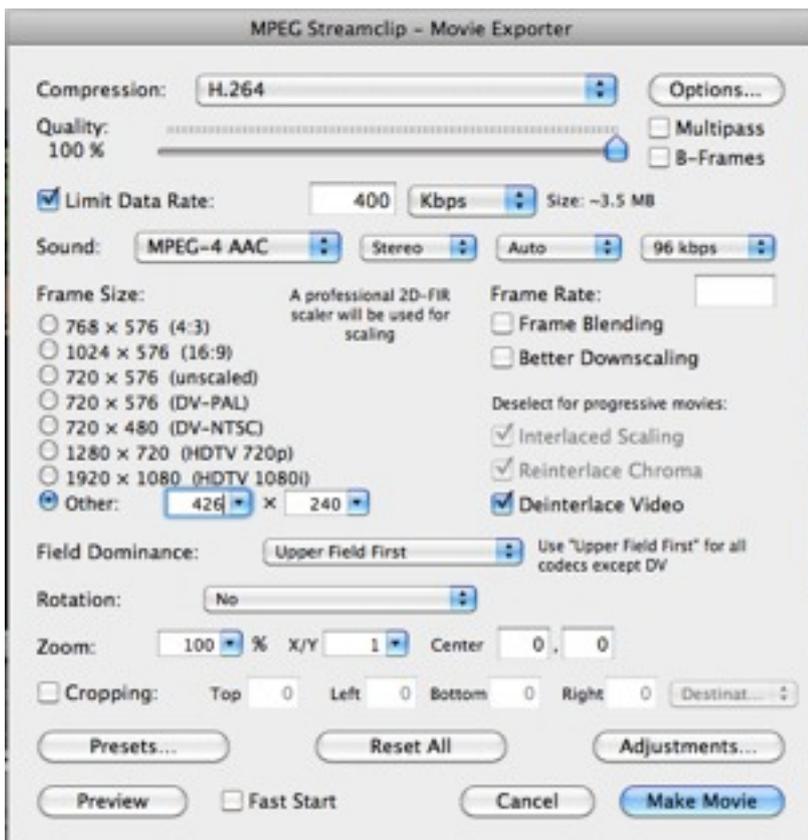
Then locate the full quality video file on your computer and click 'Open'. For the purpose of this test the file is named 'Uncompressed Film'





Your video will now be visible in the display window. Note: If the video was shot in widescreen format the preview may appear to be squished, don't panic we will sort this out when we export the film.

To begin the compression process click on the 'File' button in the menu bar and then select 'Export to Quicktime...' in the drop-down menu. In the dialog box that appears choose 'H.264' from the 'Compression:' drop-down. This codec gives us very good compress while retaining much of the fine detail of the video.



Next pull the 'Quality' slider all the way to '100%'.

Click the 'Limit Data Rate:' button and set the value to '400'.

Set the 'Sound:' settings to 'MPEG-4 AAC', 'Stereo', 'Auto' and '96 kbps'

In the 'Frame Size:' options choose 'Other:' and set the values to '426' x '240' for widescreen video or '320' x '240' for non-widescreen videos.

Click the 'Deinterlace Video' button, this will give us a better quality video suitable for watching on a computer monitor.

Finally check that all the settings have been filled out correctly and the click 'Make Movie'



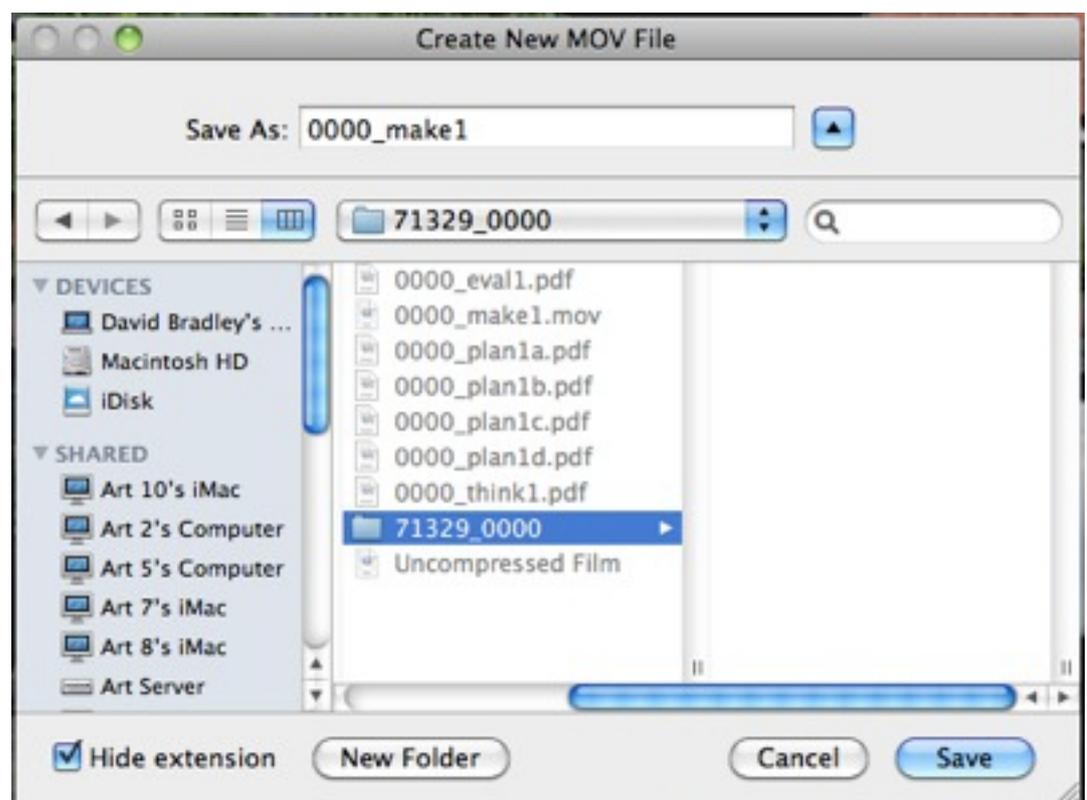
As the video is compressing you will see sample frames from the compressed video in the 'Exporter Preview'

The process is reasonably quick and you can check the progress in the status bar.

All that remains to be done is to save the file. This should be done in accordance with the naming conventions laid out in the 'Instructions to Teachers'.

In this case we have named the file with the candidates number, the section of the portfolio it will go in and the task number(Task 1).

e.g.  
0000\_make1.mov



Note: Be careful to limit the number of characters in your file name to 11 or fewer, especially if you are storing them on a pen drive.