

# Working with sound

Sound formats: WAV, AIF, Realaudio, Quicktime, mp3 . wav and aif are the best choices with Flash.

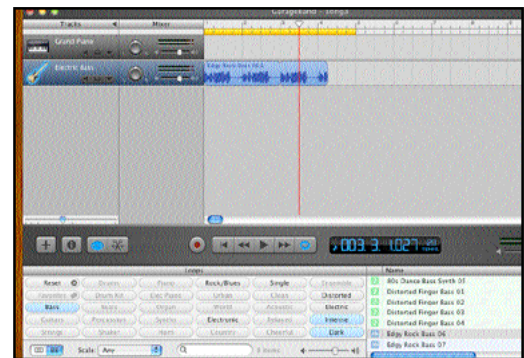
## Working in Garage Band

- Open garage band and specify a new project (the last project opened will be opened by default) Make sure to navigate to your student work file to save your song. Name your song (something other than "My song".)

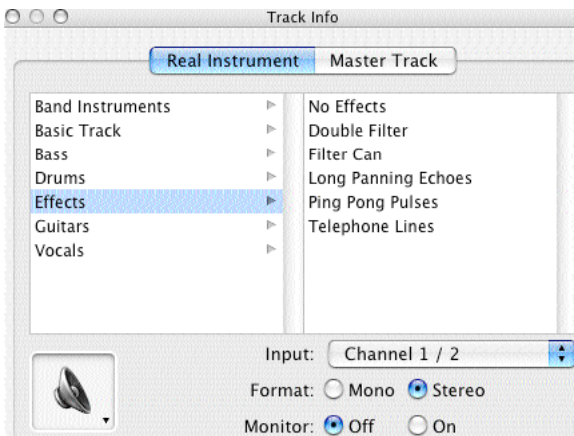


- Click on the eye at the bottom of the panel to open the look browser. Select a combination of descriptors to narrow the search or just browse. (You can press reset at any time to clear your settings.) Double click the icon on the right to hear the loop.

- Move the icon of your instrument up into the track area. You may pull on the end of your loop to extend it, but be aware that sound files are very large. Do as much as you can with small loops to keep your overall file size down.



loops



effects

- You may chose to apply effects to a track by selecting the track layer, then going to the "I" at the bottom of the screen. (If asked to save, name this instrument and continue).

- To adjust your track to fade in and out, you will need to go to- TRACK> SHOW MASTER TRACK. Grab and pull on points on the volume control (purple line) to adjust volume throughout the track.



volume

## Exporting your song:

- Save your song often when working on it. When you are satisfied with your product, you must export your song to I Tunes. You will need to get it out of the library afterwards, so make sure you have named it something that you will be able to locate.
- Finding your song- use FIND to find the song and drag it to your student work folder. This should be saved as an aif file.

**OPEN Sound Studio** and open your song in that application. Click on the play button to hear how it sounds. You may chose to apply filters, fade in or out or amplify volume in Sound Studio as well.

**Saving your file optimized:** Click on the file icon for your song. Go to apple-I and call up information. Look at the files size. You'll notice that even a very small loop can be over 1 MB! This is a very large file for downloading on a web site! You will need to compress your file to a manageable size so that you can import it to your Flash library.

The settings you chose will be dictated by both quality and file size. We will try to find a happy medium in between. The best way to learn this is to experiment with the different settings, listen to them and note their file size.

Chose **FILE>SAVE AS>AIF-C**. Chose compressor **IMA 4:1**. Play with the sample rates. The higher the rate, the better the quality, but the higher the file size as well.

## Importing your sound to Flash.

- Open your .fla file. Go to FILE>IMPORT to library and import your clip.
- Make a new layer to contain your music. Create a blank keyframe on the first frame of the layer. Pull the music from the library onto that keyframe. Open the properties panel and select loop or tell Flash how many time you want your music to play. You cal also place frames within your timeline and have it simply play through those specific frames (A good choice if you want your music to line up with a specific action).

