Using the Oxygen 25 Keyboard
with GarageBand

1. GarageBand is on the Mac. Move the Mac's keyboard out of your way so you can place the keyboard by the computer screen.

2. Plug the keyboard into a USB drive on the back of the Mac

3. Turn on the keyboard using the switch on the back. The display on the top of the keyboard will turn on.
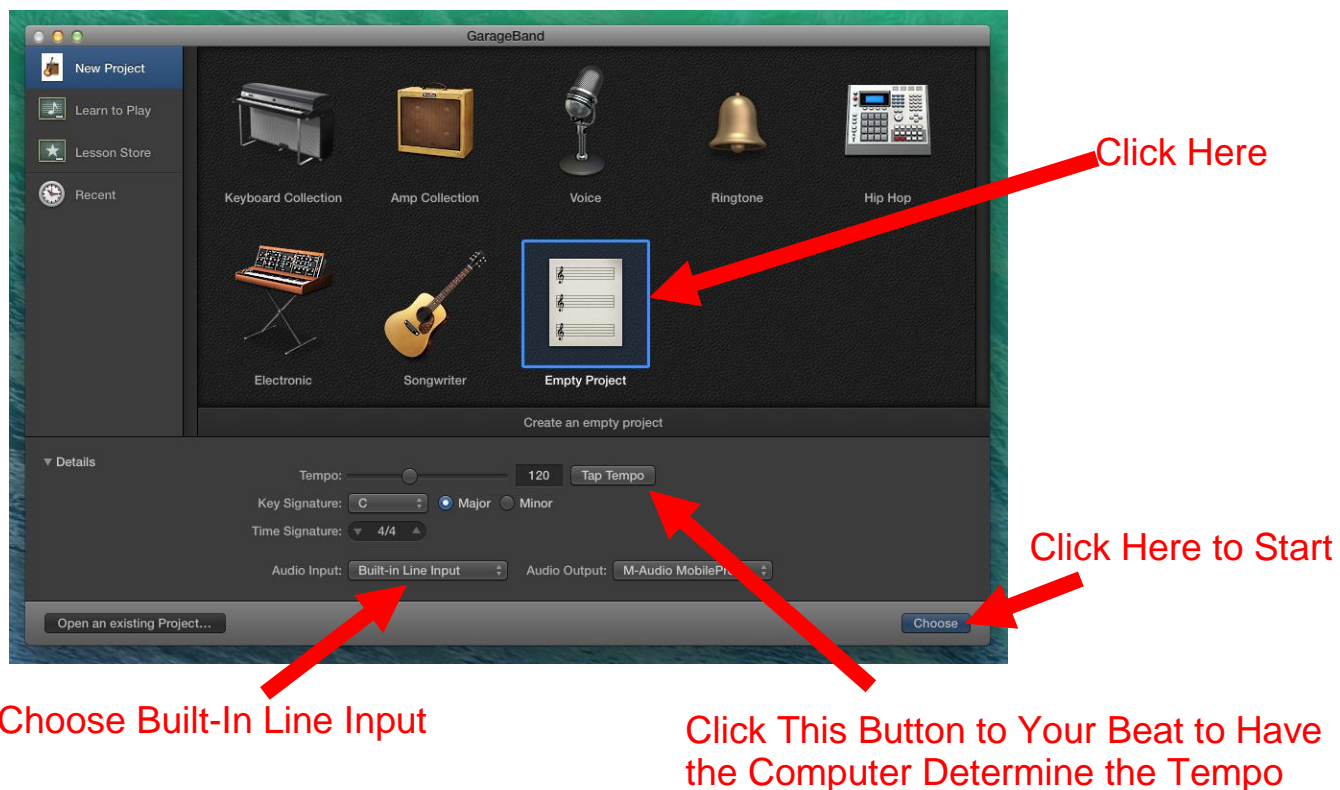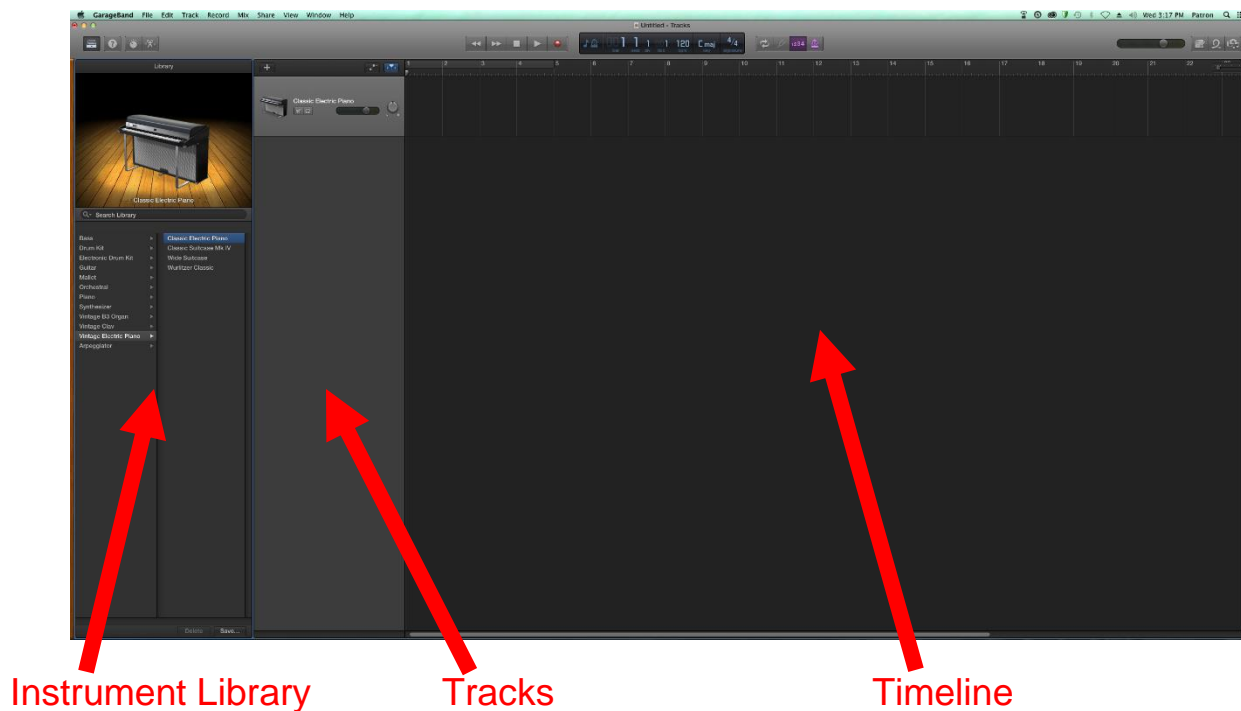

Power Switch

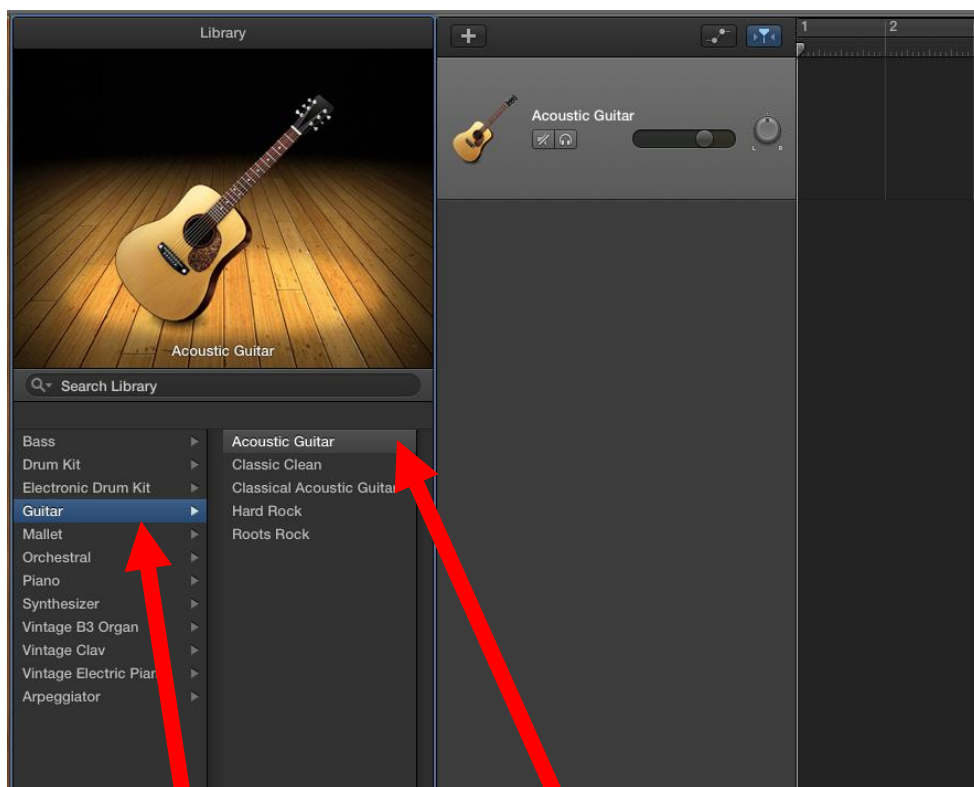
Display
Turns On

4. Open GarageBand

5. Click on "Empty Project". Set your tempo, key signature and time signature. If you don't know your tempo, you can click it out on the Tap Tempo button and the computer will select the closest tempo for you. Choose "Built-In Line Input" under Audio Input. Click Choose when you are ready to start your project.

Click Here

Click Here to Start

Choose Built-In Line Input

Click This Button to Your Beat to Have the Computer Determine the Tempo

6. Your workspace will open.

Instrument Library   Tracks   Timeline

7. In the instrument library choose an instrument and sound style.

If the instrument library is not showing click this button in the upper left hand corner of the workspace.

Pick an Instrument   Pick a Style

8. Press the keys on the keyboard to make sure you have sound.

9. When you first turn on the keyboard middle C is the middle C on the keyboard. You can change octaves using the octave/transpose button.

Middle C

Press to Drop Down One Octave   Press to Raise Up One Octave
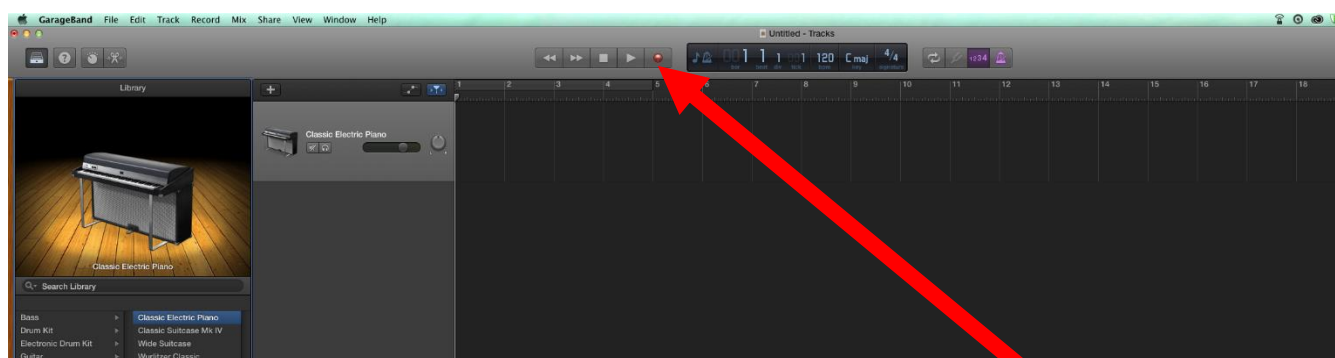
10. With drum sets and orchestral percussion instruments press all the keys to see what instrument they play. Different percussion instruments are contained in each octave setting.

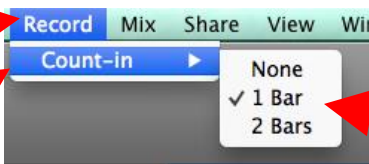11. To bend a guitar note roll the pitch bend wheel up and down.

Roll This to Bend Notes

12. When you have the feel of the keyboard record a track by pressing the record button on your workspace. You will get a one bar count-in before recording starts. If you would like two bar or no count in click on Record and then Count-In and choose the count-in you would like prior to clicking record.
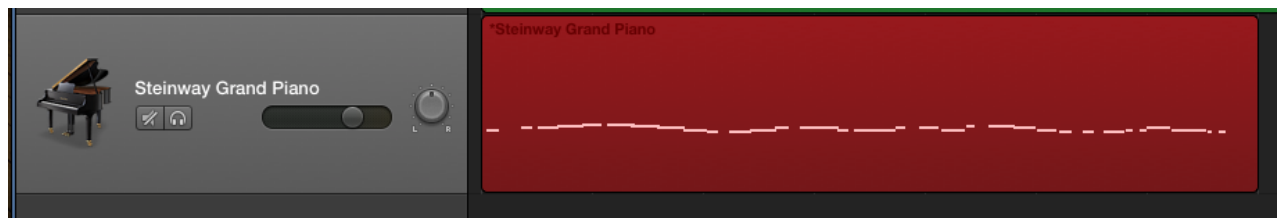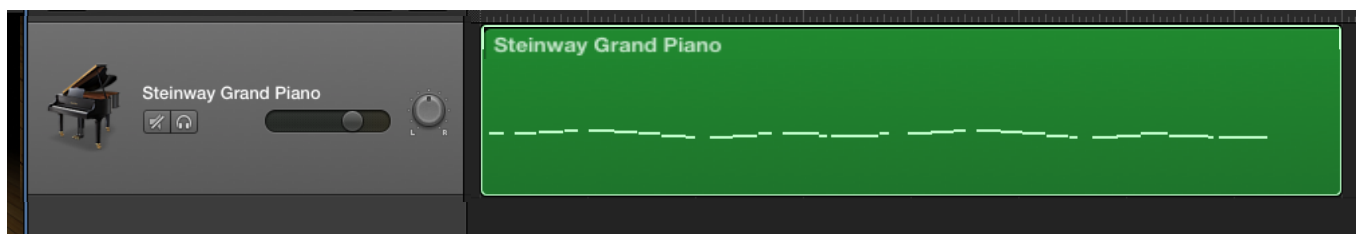

Click Here
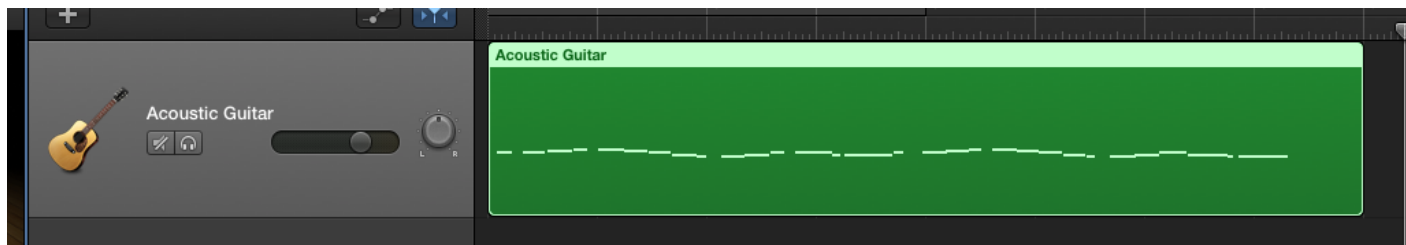
Then Here

Record Button

Choose Count-In

13. As you record you will see a red track on your timeline grow with your notes represented by dots and dashes.

14. Press the space bar or click the stop button to stop recording. Your track will turn green.
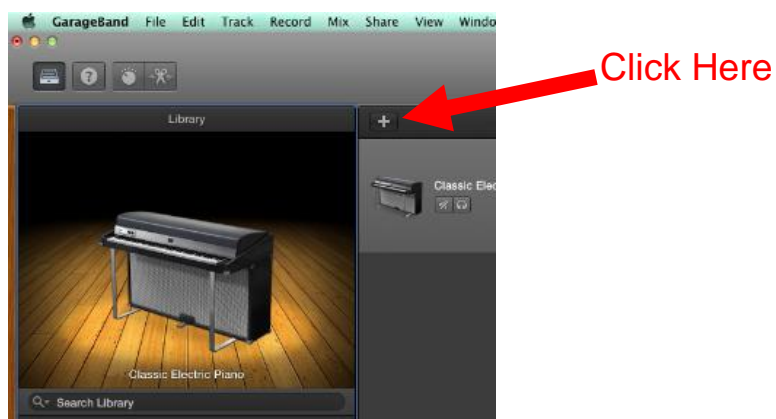

15. You can change you instrument by selecting your track and clicking on a new instrument in the library. Your recording will stay the same but the sound will change.
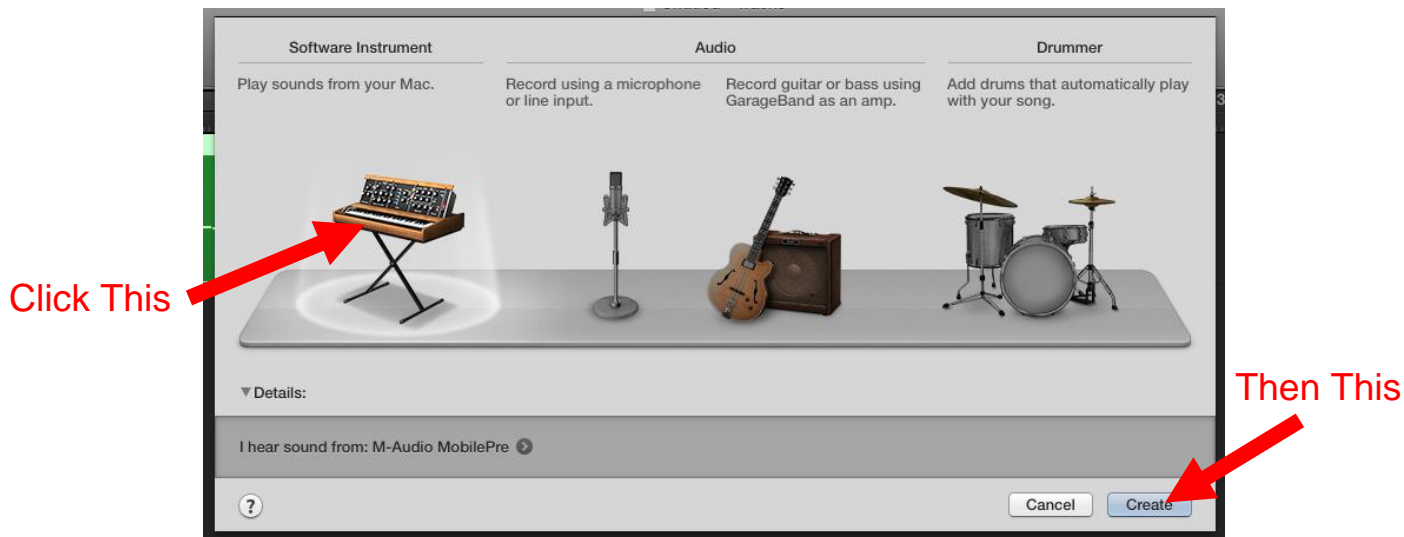

16. If you select a track and click record again you can add to that track. You may want to do this if you want your piano track to sound like it is being played two handed.

17. To add another track with a new instrument click on the plus sign.

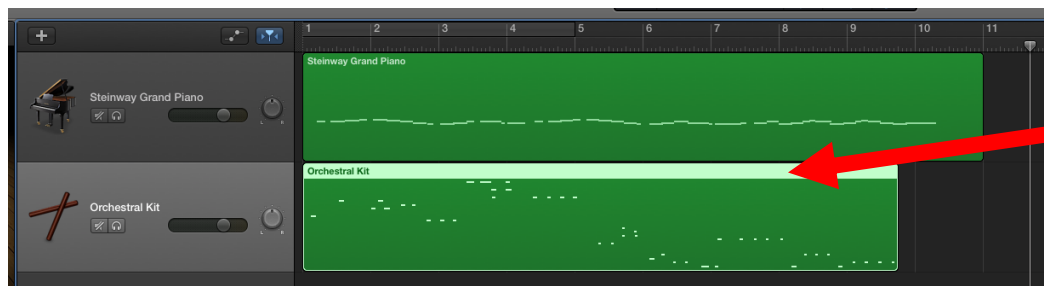18. Choose Software Instrument in the pop-up and click Create.

19. A new track will appear. Be sure it is selected and choose your new instrument. Press the Return key on the Mac's keyboard to bring your playhead back to the beginning of your timeline. Click on the record button. Your previously recorded track(s) will play as you are recording. If you don't want to hear a track while you record click the track mute button.
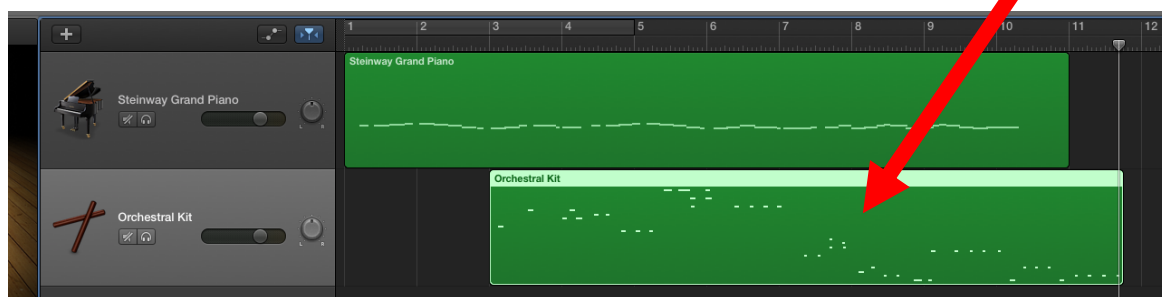

Mute Button

20. Once you have all your tracks recorded you can edit and mix them. To delete a track select it and press the Delete key on the Mac's keyboard. You can move a track so that it starts at a different point in your timeline by clicking and dragging it to your desired point.
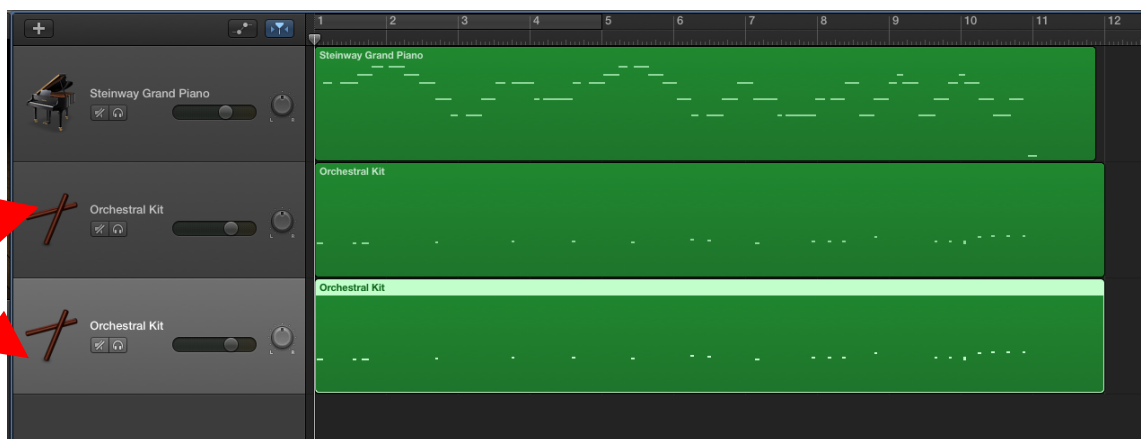

Click and Drag

21. You can copy a track by holding down the Option key, clicking on the track name and dragging it up or down.

Hold Down the Option Key and Drag to Copy

22. If you need to tweak your notes or timing click on the edit button. Your editor will pop up on the bottom of your workspace.
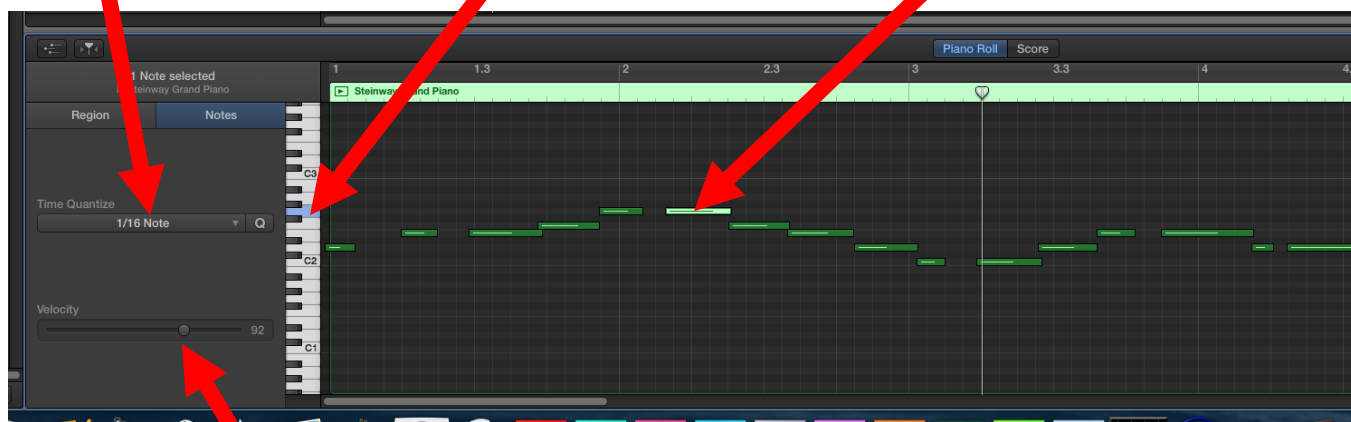

Edit Button

23. Your notes will be shown as green dashes. You can change the tone by dragging its line up or down. To the right you will see what note it is highlighted on the piano image. You can lengthen or shorten a tone by clicking and stretching or shrinking the length of the line. To make a tone louder or softer select it and move the Velocity slider to adjust it. If your timing is off you can use the Time Quantize dropdown to correct it.
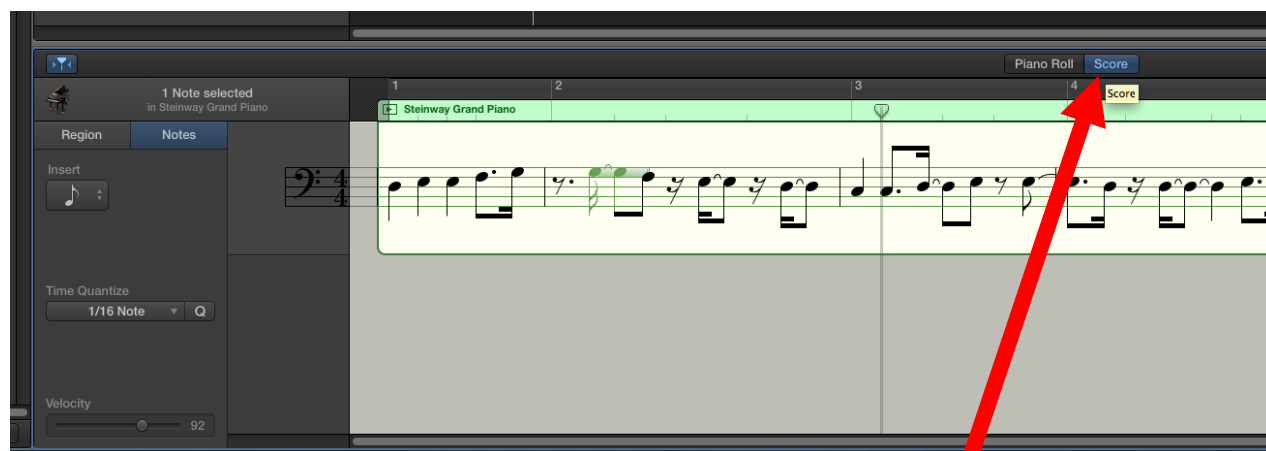
Time Quantizer   This Note is Represented by This Bar

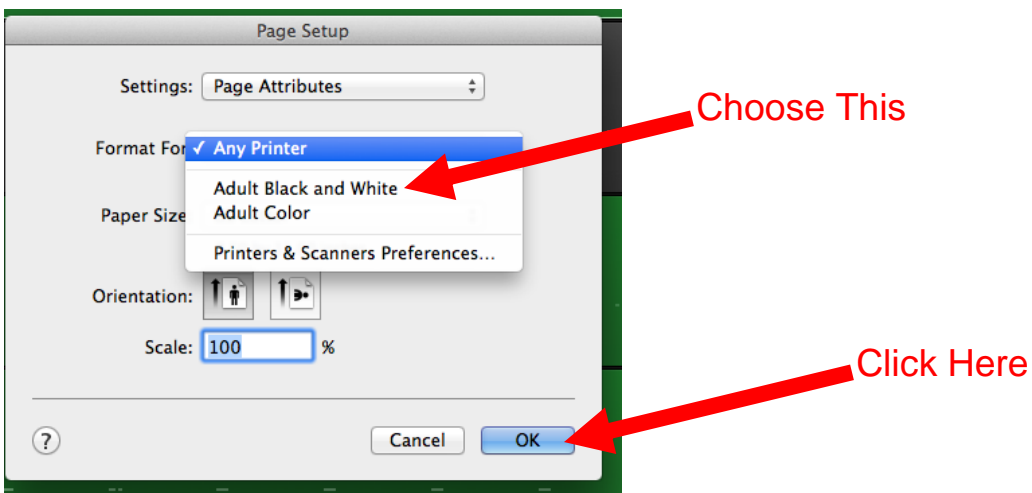Move This to Make Tone Louder or Softer

24. You can draw in new notes by holding down the option key. You will get a pencil cursor which you can use to draw in a new tone.

25. If you prefer to think in terms of sheet music click on the Score tab to change the display. Just as with the Piano Roll view you can draw in new notes, change notes by dragging them up and down on the staff, change a note's length by pulling out or pushing in the green bar, and change its volume with the Velocity slider.
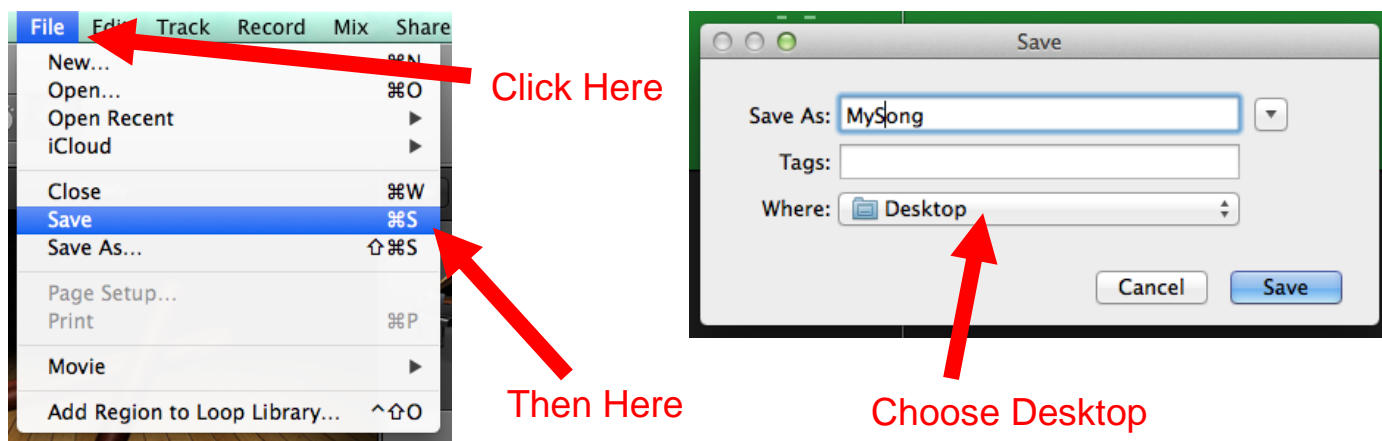

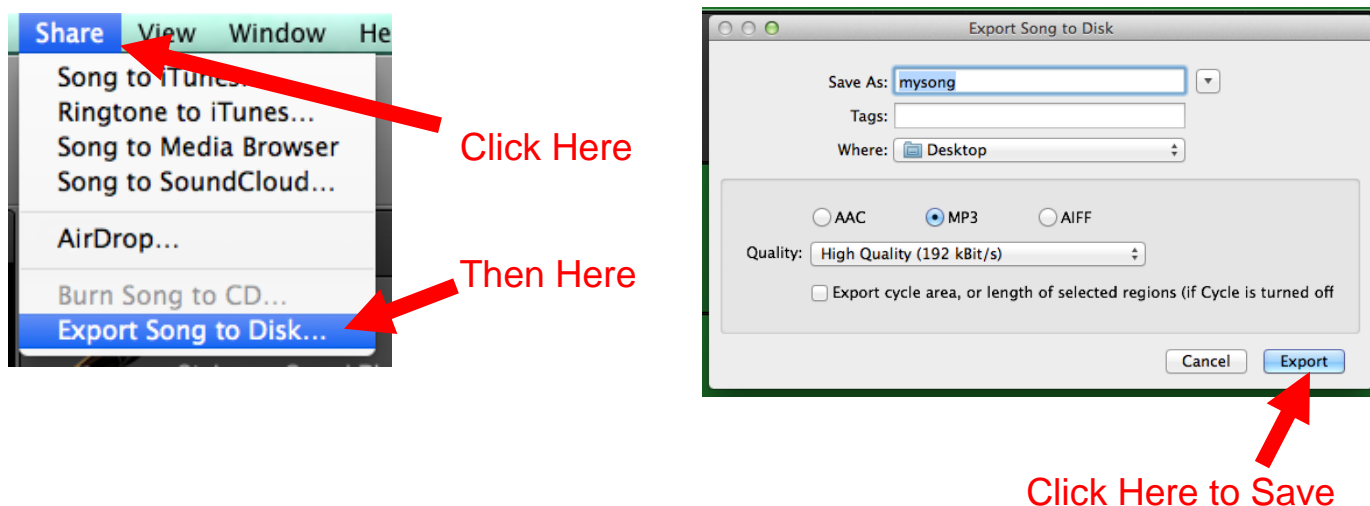Click Here to Change to Sheet Music View

26. You can print out your sheet music by clicking File and choosing Print. Select Adult Black and White and click OK.

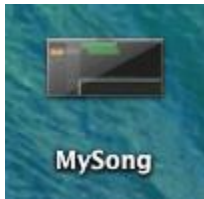**Choose This** — Adult Black and White

Click Here — OK

27. It is a good idea to save your project so that you can make changes to your song in the future. Click File and choose Save. Name your project. Choose Desktop from the Where dropdown and click Save.
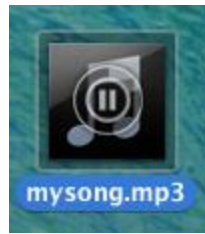

Click Here — File

Then Here — Save

Choose Desktop

28. Export your song by clicking Share and choosing Export Song to Disk… Name your song, choose Desktop in the Where dropdown and select a file type. MP3 is a good choice if you plan up upload your song to a device. AIFF is uncompressed. Click Export.

Click Here — Share

Then Here — Export Song to Disk...

Click Here to Save — Export

29. Save your project file and your song to the storage device of your choice.

GarageBand Project

Your Song File

30. Turn off the keyboard, unplug it from the Mac and return it to its storage space.