**7th Grade Garageband Project 1**

***Objectives:***

Students will be able to:

* Learn about tracks and create them
* Use rhythms they’ve learned and read, play and record
* Learn a basic drumming pattern and play it on the drum set in the Garageband
* Learn the names of drum set parts
* Learn about quantization and use it to make recording better
* Learn about the tempo, metronome and beat
* Learn about measures and forms
* Play chords on the guitar in the Garageband
* Follow the metronome beats and record drums, guitar in real time
* Understand the difference between MIDI and audio and create tracks of both
* Understand the difference between the drum track and guitar or piano track when recording
* Learn about looping
* Listen to what they created and listen critically to adjust the balance between instruments

***Procedure:***

Open a file by clicking + on the left top. Select the drums for this project. (You have four options: Drums, Keyboard, Smart Guitar, and Audio Recorder)

Press play button to hear metronome beat and try the drum set.

Go to the settings and change the tempo. (Tempo is right under Sound once you press settings)

The Tempo should be between 70 and 120 except for 110.

Press play button and try the drum. If you don’t like to tempo, change it again.

Once you find the right tempo for you, Press stop and Press Go back to the beginning.

Press record and play quarter notes on closed hi-hat for two measures. (**Recording starts after 4 clicks**)

Press Help at the right top to see the names of the drum set.

Stop when you record two measures.

If you made mistakes and want to try again, go to the track window and double click the region and delete before recording again.

Go back and press record and play the bass drum on beat 1, 3 and the snare drum on beat 2, 4 for two measures. (You’ll hear the hi-hat you recorded before)

Stop when you recorded two measures.

Go to track window (You’ll see one drum track on the left side and the region you created by recording next to the drum picture).

The region might be longer than two measures depending on when you pressed stop after recording.

Shorten the region to two measures.

Select the region and go to mixer menu and quantize it to quarter notes. (The region should be highlighted if selected)

Listen to it to see if the drum track sounds good.

If not, record again or double click the region and edit. Move the notes you need to move.

Come back to the track window.

Double click the region again and press loop.

Add a new track by selecting + on the left bottom and choose Smart Guitar.

Go to settings and Edit chords.

Change the Bdim chord to D major.

Go back to the beginning and press record and play any one chord for one measure and play another chord for another measure (you should have four measures)

Do not use Autoplay function.

Go to the mix menu and quantize the guitar track. (You might want to use eighth notes or sixteenth notes depending on what you played)

Make sure you have exactly four measures on the guitar track.

If the region is longer, shorten it to four measures.

Loop the four measures on the guitar track as well.

Go to loop menu and change the instrument to percussion.

Press the file to listen to it.

Choose one and drag it to the track window to create another track.

If the region you just created doesn’t start from the beginning, move it to the beginning and stretch the other end to make it 8 measures long

Listen to the whole song and see if you like it and if you have done everything that’s required.

If you’re not happy, change whatever you need to.

If you’re happy with what you hear, Press My Songs to save the file and exit.

Hold the file name to change it to Your First and Last name P1. ex) Michael Jackson P1

Select the file and send it to me jjue@sainthilaryschool.com via the app Mail.

***Checklist:***

The tempo is between 70 and 120 but 110.

One drum track is present and all three parts are on the same track.

The drum used is Class Studio Kit

The drum track has the correct rhythm. (hi-hat on beats 1,2,3,4; bass drum on beats 1,3; snare drum on beats 2,4 )

The drum region is quantized to quarter notes.

The drum track has a MIDI region (green) that is eight measures long by using loop function.

One guitar track is present.

The guitar used is Acoustic.

There is one guitar chord in each measure on the guitar track.

The guitar region is quantized to quarter notes.

The guitar track has a MIDI region (green) that is eight measures long by using loop function.

The Autoplay function is off on the guitar track.

The last chord Bdim has changed to D Major.

One percussion track is present.

The percussion track has an Audio region (blue) that is eight measures long.

The file is named as Firstname Lastname P1

The file is sent via email to jjue@sainthilaryschool.com