**8th Grade Garageband Project 2**

***Objectives:***

Students will be able to

* Learn more about chords and chord progressions
* Learn blocked and broken chords and use one to record
* Use one of the most popular chord progressions in pop music and create a melody
* Listen critically to adjust the balance between instruments
* Learn another simple drumming pattern in 4/4 and play it and record it in the Garageband
* Use piano or guitar track and create their own rhythm and record it to the beat
* Use quantization to make all the notes, beats precise
* Change instruments to elec. Instruments for drum, piano, guitar
* Use undo function whenever they need to

***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 the name Classic Studio Kit in the middle and choose Classic Drum Machine.

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

The Tempo should be between 75 and 135 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 eighth notes on closed hi-hat for 4 measures. (**Recording starts after 4 clicks**)

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

Stop when you record four 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, N of 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 four measures.

Go to the 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 four measures depending on when you pressed stop after recording.

Shorten the region to 4 measures if the region is longer than that.

Select the region and go to the mix menu and quantize it to eighth 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. (The region should cover 8 measures)

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

Press Acoustic at the left top to change the instrument to Hard Rock.

Go back to the beginning and press record and play C chord for one measure, G chord for the next measure, Am chord for the 3rd measure, F chord for the 4th measure. You can’t play quarter, whole, half notes constantly (Be creative!) 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 so that the region covers 8 measures.

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.

Create a piano track.

Press Grand Piano to change the instrument to Classic Rock Organ.

Change the range to a higher one. (+1, +2 or +3)

Play with drawbars (slider on the left side), rotation, percussion, chorus, and distortion to change the sound. Using the default sound is not an option. Change the sound!

Create a melody using only white keys. You will probably need to record several times to find the melody you like. If you know how to play an existing melody that works with the chord progression you have, you may record that. Only one note at a time is allowed.

Quantize the notes (depending on what you played, you may have to select eighth, sixteenth notes)

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

Make sure all the instruments you have can be heard. Adjust the volume if needed. You’ll probably need to lower the volume of the guitar track so other instruments can be heard.

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 P2. ex) Elton John P2

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

***Checklist:***

The tempo is between 75 and 135 but 110.

One drum track is present and the Classic Drum Machine is used.

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

The drum region is quantized to eighth notes.

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

One guitar track is present and Hard Rock is used.

C, G, Am, and F chords are used for one measure each.

The guitar region is quantized to appropriate 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.

One percussion track is present.

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

One piano track is present and the Classic Rock Organ is used.

The melody is present and it sounds good.

The balance is adjusted between instruments to make the sound good.