Create a song with Garageband

Garageband is a music software for Mac products. With a library of virtual instruments and sounds effects, users can create, mix, edit, and share original music.

**Please see MakerStudio@GCLS staff to acquire headphones.

Double click on the Garageband icon displayed on the Desktop. Select **New Project > Empty Project**. When this window pops up, choose a picture, then click **Create**.

Loops vs. MIDI

**Loops** are pre-recorded, repeated sounds created by virtual instruments.

**MIDI** is short for **Musical Instrument Digital Interface**. It basically means you can record voice or instrument through a USB.

You can add loops or record your music to create an original song. Once added, you can edit, remix, and record your musical creation.

A MIDI keyboard is available to patrons who use Garageband with the iMac.
A Closer Look: Adding Loops

1. On the right hand side, click the middle icon to search for loops.

2. Click and drag a loop to the middle area.
Note: Before you start, make sure your device and headphones are plugged into the computer. Turn your volume and device on (if your device has a power switch).

Inside the track list, click the white plus sign at the top left corner.

Select one option from below.
Then click Create.

If you select Software Instrument, you can choose to play multiple virtual instruments through a keyboard. Select an instrument and sound, then press record.
If you select Audio > Microphone, you can select a pre-recorded sound or record your voice via microphone. Press record.

If you select Audio > Guitar, you can select a type of guitar and play via keyboard or record your guitar. Press record before playing.

If you select Drummer, you can select a type of drum and play via keyboard or record drums. Press record before playing.
To edit *tempo*, double click on a track. At the bottom, click on the word *Track*. Check *Enable Flex*.

Go to the top and enter a different number in the tempo spot. Tempo is how fast or slow you want the song. BPM means beats per minute.
To *fade* in and out, enable **Automation Curves**. Automation curves change volume over time.

Click this button.

Double click on your loop. This will create a point.

Drag your point up and down to fade the volume.
• **Garageband X: How it Works** by Edgar Rothermich
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