**Technology in the Music Classroom Lesson Plan Assignments**

**Name: Sherry Marshall**

**Lesson Plan Type: Creating Electronic Music**

**Lesson title:** Garage Band Electronic Music Project

**Class/Grade:** 7th & 8th Grade band classes

**Standards:** TEKS - Music Middle School 3; NAFME National Music Technology Standards

* TEKS 2(B) - notate meter, rhythm, pitch, and dynamics using standard symbols in a handwritten or computer-generated format
* TEKS 3(A) - model, alone and in groups, characteristic vocal or instrumental timbre
* NAFME MU:Cr1.1.T.Ia Generate melodic, rhythmic, and harmonic ideas for compositions or improvisations using digital tools.
* NAFME MU:Cr2.1.T.Ia Select melodic, rhythmic, and harmonic ideas to develop into a larger work using digital tools and resources.

**Learning Outcomes:** Students will be able to create and perform a simple melodic line, incorporate that melodic line into a digital sequencer, add rhythmic elements, and create and manipulate a sound sample.

**Assessment Evidence:** Student outcome will be graded on creativity and inclusion of all elements of the assignment. There will also be a student vote and awards for the most liked composition.

**Prior Knowledge and Skills:** Students will need to have a basic working knowledge of their instrument, and basic music theory knowledge to create their melody. Students will need to know how to perform with a metronome.

**Materials:** Students will need (per group) one iPad, their instruments, headphones and a headphone splitter. After creating and emailing their melody, they will need the printed melody sheets for their instruments.

**Learning Activities:** Electronic Music Project

1. Open “Notion” app on the iPad and choose “New.” Touch “Song Title” and type in a title for your piece, touch “Composer” and type all of your names, and then choose the instruments in your group and click “OK.”

2. Click on the note/rest button to choose note length then use the keyboard to create at least an 8 measure tune. There are also options for dynamics, accents, and accidentals if you want to try using some of those.

3. Highlight the first note and press the play button to hear your melody. You can highlight areas and change your ideas if you want.

4. When you are satisfied with your melody, select the “Share” button (rectangle with arrow pointing right) and choose “export PDF” then “To Email.” From the email screen, send your music to sherry\_marshall@wisd.net.

5. Once you have emailed me the music, I will print copies for all members of your group. Your group will then learn to play the eight measure song.

6. Open “Garage Band” app on the iPad. Choose the plus sign (+) in the top right corner to create a new composition. Scroll over to the microphone “Audio Recorder.” Push the red record button at the top to record your song. Push the square of rectangles at the top (next to the little microphone) to see your recording in the mixer screen. Try to play in the same tempo as the metronome. If it is too fast, I can show you how to slow it down. You can choose the different icons on the right to make your song sound funny.

7. Choose “instruments” at the top left to return to the instrument selection screen. Choose “Smart Drums” and create a beat to go with your song. Clicking on the picture of the drums or drum machine allows you to change the sounds you can make. Make sure to press the red record button and record at least 8-10 measures to go with your song. Push the mixer button to see your drums and song together.

8. Choose “instruments” at the top left to return to the instrument selection screen. Choose “Sampler” to create a sound sample to go with your song. Push the start button to record a very short sound sample – this can be a noise, a funny sound, a statement, a word, anything at all. Use the keyboard to play with your sound and listen to the different sounds. Press the red record button and record at least 8-10 measures while you play your sound sample. Push the mixer button to see your sound sample with the other parts of your song.

9. You have reached the end of the required part of the assignment, but you may return to the “instruments” section and choose keyboard, drums, bass, or other sounds to add to your song. Feel free to explore. Anything you don’t like can be easily deleted from the mixer screen.

10. When you are finished, click on “My Songs” in the top right corner. Click the “My Song” title and rename the song. Click and hold the picture of your mixer view until the share option shows up in the top left. Click again to turn the outside frame of the mixer blue. Share your song to SoundCloud.