

# Lesson Plan

# Mixing Console I

<b>Course</b>	Music Technology Lab		Gr. 9 - 12
<b>Teacher</b>	Damon Hunn		Whitmore Charter Schools
<b>Curriculum</b>	Students will be learning about the functions of the various components on an audio mixing console. They will connect a microphone and an instrument to the board, adjust settings to achieve a quality sound and good balance between the two, and then reset the console to nominal		
<b>Instructional Strategies</b>	Analysis Demonstration	Lecture Flow Chart	
<b>Content Standards</b>	<p style="text-align: center;"><b>4. Aesthetic Valuing</b></p> <p>4.1 Develop specific criteria for making informed critical evaluations of the quality and effectiveness of performances, compositions, arrangements, and improvisations and apply those criteria in personal participation in music</p>		
<b>Objectives</b>	<p><u>Students will:</u></p> <p>Fill in Flow Chart</p> <p>Connect microphones and/or electronic instruments to the Mixing Board</p> <p>Balance the sound of two sound sources</p> <p>Make adjustments to improve the sound quality of the instruments</p> <p>Reset the mixing board to nominal</p>		
<b>Materials</b>	Mixing Board XLR Cables (2) ¼" Instrument Cables (2) DI Box (2) Speakers & wires (2 sets)	Headphones (2) ⅛" Stereo Splitter HANDOUT: Flow Chart Mixing Console Powerpoint	
<b>Procedure</b>	<b>A</b>	Distribute HANDOUT - Slide Show & Lecture - Students fill out blank handout	
	<b>B</b>	Demonstrate connecting instruments & microphones, balancing sound, and resetting mixing console to nominal	
	<b>C</b>	Demonstrate disconnecting instruments & microphones, and resetting mixing console to nominal	
<b>Activities</b>	<b>A</b>	Students connect instruments & microphones	
	<b>B</b>	Students balance sound of two sound sources	
	<b>C</b>	Students disconnect instruments & microphones, and reset mixing board to nominal	
<b>Assessment</b>	Subjective assessment for sound balancing.		
	Objective assessment for resetting mixing console		

Lesson Plan: Music Recording Lab

Course: Music Grade 7-8

Teacher: Ms. Ashley Briar, Blaker-Kinser Junior High

Curriculum: Students will record and edit rehearsals and performances. They will connect microphones to a mixing board, which will enable them to press record. After the performances they will start on the postproduction process of editing the recording and burn onto a CD.

Instructional Strategies: The teacher will start with a lecture on care and maintenance of equipment. Then the teacher will demonstrate by example. Afterwards, the teacher will pass out instructions on a handout to the students and let them begin one by one.

Content Standards: 4. Aesthetic Valuing. 4.1 Use detailed criteria for evaluating the quality and effectiveness of musical performances and compositions and apply the criteria to personal listening and performing.

Objectives: Students will: Set up EW mixers,  
Record a performance,  
Separate performances by making a marker on the computer screen,  
Stop, save, and finalize a recording,  
Finalize a recording,  
Burn finalized recording to a blank CD.

Activities:

1. Students set up EW microphones.
2. Students turn on mixing and recording board and record performances.
3. During recording, students make a marker before each piece begins.
4. After the performance students will stop recording and save and finalize the recording.
5. Students will bring up program called "Pro-Tools" and will delete unwanted space from recording such and white noise and clapping.
6. Students will fade the end of one song into the beginning of another song.
7. Students will bring up or down total volume to a desired level for each piece.
8. Students will open program called "Jam 6" and create final CD.

Assessment:

Before: Students will do a quick write explaining what experience that they have with computers and working a mixer. Teacher will take quick writes and break students into groups of about 4 to mix up experience levels.

After: Students will be assessed daily on their projects. Before they move onto the next activity their work will be checked for completeness. Their final project will be turned in on a CD, which will be listened to in order to measure their level of success on the project. Students will then evaluate themselves and each other on their final CD.

Ashley Briar

Lesson Plan: Instrument Maintenance

Course: Music Grade 7-8

Teacher: Ms. Ashley Briar, Blaker-Kinser Junior High

Curriculum: Students will learn a brief history and overview of the origin of their instrument. They will then learn how to care and maintain for their instrument. Lastly they will learn how repairs are done on instruments and they may learn how to do minor repairs their selves.

Instructional Strategies: The teacher will have a power point for this lesson. She will use this to incorporate photographs of instruments in good and bad shape. She will also include listening samples to help the students hear the difference of good and bad sounds

coming from the instrument to help students notice when their instrument needs to be repaired. Teacher will explain the importance of instruments outside of the classroom.

Content Standards:

3.5 Identify instruments from a variety of cultures visually and aurally.

4.1 Use criteria to evaluate the quality and effectiveness of musical performances and compositions.

5.2 Identify and describe how music functions in the media and entertainment industries.

Objectives: Students will: Watch and listen to power point.

Give examples of ways to take care of instruments and ways to damage instruments.

Choose an instrument to perform on for the school year.

Sign and turn in an instrument permission slip.

Activities:

1. Students watch and listen to power point lecture.

2. Students reflect with neighbors how to take care of different instruments.

3. Students then reflect with neighbors ways to damage instruments and how to avoid problems.

4. Students will choose their instrument for the school year.

5. Students will take home a permission slip and have parents and self's sign off on responsibility of instrument for the school year.

Assessment:

Before: Students will complete a quick write stating any knowledge that they have on instruments. They will also write what instrument that they want to perform on and why.

After: Students will turn in permission slip. They will also complete a quick write on their knowledge of properly taking care of their instrument. I will also be visually assessing how they are taking care of their instrument throughout the year. After winter break I will redo this activity to remind students of how to take care of their instruments.