

Music Technology & Composition

Unit 4: Audio Editing: Audio file correction and compilation using entry-level multi-track recording software. Audio clip import, mixing, levels, fades, pan and file export.

Unit 4 Objectives Students will be able to:	Associated CPI's to be Achieved	
Edit digital audio wave form – cutting/copying/pasting, correcting amplification – to create a clean audio file	1.3.12.B.4 (M) 8.1.8.A.5 (D)	1.1.12.B.2 Synthesize knowledge of the elements of music in the deconstruction and performance of complex musical scores from diverse cultural contexts. 1.3.12.B.4 Arrange simple pieces for voice or instrument using a variety of traditional and nontraditional sound sources or electronic media, and/or analyze prepared scores using music composition software. 1.4.12.A.1 Use contextual clues to differentiate between unique and common properties and to discern the cultural implications of works of dance, music, theatre, and visual art. 1.4.12.B.1 Formulate criteria for arts evaluation using the principles of positive critique and observation of the elements of art and principles of design, and use the criteria to evaluate works of dance, music, theatre, visual, and multimedia artwork from diverse cultural contexts and historical eras. 1.4.12.B.3 Determine the role of art and art-making in a global society by analyzing the influence of technology on the visual, performing, and multimedia arts for consumers, creators, and performers around the world. 8.1.8.A.5 Select and use appropriate tools and digital resources to accomplish a variety of tasks and to solve problems. 8.1.12.D.2 Demonstrate appropriate use of copyrights as well as fair use and Creative Commons guidelines. 9.1.12.A.1 Apply critical thinking and problem-solving strategies during structured learning experiences. 9.1.12.F.2 Demonstrate a positive work ethic in various settings, including the classroom and during structured learning experiences. 9.1.12.F.6 Relate scientific advances (e.g., advances in medicine) to the creation of new ethical dilemmas.
Locate and import audio clips from various legal sources to create a thematic audio compilation and export it as an mp3, complete with appropriate choice of levels, fades and pan changes.	1.1.12.B.2 (M) 1.3.12.B.4 (M) 1.4.12.A.1 (M) 1.4.12.B.1 (M) 1.4.12.B.3 (M) 8.1.8.A.5 (D) 8.1.12.D.2 (D) 9.1.12.A.1 (D) 9.1.12.F.2 (D) 9.1.12.F.6 (D)	

Modifications: Additional 1:1 instruction & teacher modeling; individualized reinforcement activities; differentiated project material

Day 1	Daily Objectives	Teacher Procedures (instruction)	Student Activities	Assessment
<p>Do now: 1. Log into network 2. Locate "evil" folder on shared drive</p> <p>Materials: Computers Project rubrics Student folders</p>	<p>SWBAT edit an audio file to correct sequencing errors</p> <p>SWBAT locate & download free, legal audio clips</p>	<p>1. Instruction – buttons/program navigation; tips & tricks 2. Assignment – edit the audio to create a 'correct' playback relative to text on rubric 3. Individual work time 4. Next project – audio collage: provide instructions on searching internet for audio clips, brainstorming possible project topics Closure: Student sharing – favorite clip found today OR possible project topic</p>	<p>1. Audio editing 2. Internet exploration</p>	<p>Formative: -teacher observation</p> <p>Summative: -audio file assessment</p>
Day 2	Daily Objectives	Teacher Procedures	Student Activities	Assessment
<p>Do now: Get folder/rubric Launch internet</p> <p>Materials: Computers Project rubrics Student folders audio cables</p>	<p>SWBAT import audio clips and capture streaming audio</p> <p>SWBAT apply fades and pan effects</p>	<p>1. Independent search time – audio clips (10 minutes) 2. Instruction – importing clips 3. independent work time – 5 min 4. Instruction – capturing streaming audio 5. Independent work time.</p> <p>Closure: Peer share – work in progress/assessment of thematic content</p>	<p>1. Audio editing 2. Peer share</p>	<p>Formative: -teacher observation -peer status check</p>
Day 3 - 4	Daily Objectives	Teacher Procedures	Student Activities	Assessment
<p>Do now: Launch audio collage</p> <p>Materials: Computers Project rubrics Student folders</p>	<p>SWBAT create & capture computer-generated speech</p>	<p>1. Instruction – 'voice over utility' 2. Review – capturing streaming audio 3. Independent work time (15 min) 4. Trade seats – peer critique using rubric – comments/suggestions 5. Independent work – 10 min Closure: Review – saving project to network; exporting as mp3</p>	<p>1. Audio editing 2. Peer critique</p>	<p>Formative: -teacher observation -peer critique</p> <p>Summative: -rubric-based project grade</p>