



Fine & Performing Arts Department Curriculum Guide

Sound Recording & Production – CP

Course Description
<p>This course is designed for students who have an interest in recording, mixing, mastering, and producing music. Course topics include acoustics, signal pathway, using microphones and audio devices, digital audio workstations, and beat/loop production. Students will use the music technology lab and specialized audio equipment to work creatively and collaboratively on several projects building technical skills in music technology for recording and live sound reinforcement. Songwriting can be taken simultaneously or sequentially with Songwriting or as a standalone course. This course is intended for students in grades 9-12.</p>
Content Standards
<p>Cluster 1: Creating art with artistic intent. Artistically literate students generate, organize, and refine artistic ideas using a variety of strategies and tools to serve an intended purpose for their artistic work.</p> <p>Practice 1. Generate and conceptualize artistic ideas and work. Through exploration, students generate a wide variety of innovative ideas while expanding the boundaries of connection, style, genre, or medium.</p> <p>Practice 2. Organize and develop artistic ideas and work. Using a myriad of tools (e.g., brainstorm, sketches, outlines), students plan and organize their ideas to best support their artistic intent.</p> <p>Practice 3. Refine and complete artistic work. Through a variety of strategies (e.g., teacher or peer feedback, exploration, research, self-reflection), students conceive and revise their artistic ideas to better express, evoke, or communicate their artistic intent.</p> <p>Cluster 2: Presenting or performing artistic works to evoke, express, or communicate. Artistically literate students share their creations with an audience or viewers to evoke, express, or communicate an intended purpose or meaning. They recognize choices and make improvements within their own work or performance aligned with their artistic intent.</p> <p>Practice 4. Select, analyze, and interpret artistic work for presentation. When performing work written by others, students interpret the creator's script or score to convey the artist's intention. When sharing their own work, students reflect on how their performance or presentation best supports their artistic intent.</p> <p>Practice 5. Develop and refine artistic techniques and work for presentation. Through the practice and development of technical skills, and the refining of details, students polish a work for presentation.</p> <p>Practice 6. Convey meaning through the presentation of artistic work. Through the presentation of an artistic work, students successfully evoke, express, or communicate the artistic intent.</p> <p>Cluster 3: Responding to arts through intellect and emotion. Artistically literate students regularly analyze and evaluate their own and others' works of art, including the work of peers and important artwork from varied historical periods and cultures. These students understand that artistic intent is profoundly intertwined with an artist's cultural milieu, and they use this understanding to guide their own reactions to works of art. Learning to appreciate artistic works is a lifelong cumulative experience. It is fostered through repeated performing, listening, looking, reading, and by pondering questions such as What did the artist mean to convey? Why has this work of art endured? What makes a work of art significant to its time and place?</p> <p>Practice 7. Perceive and analyze artistic work. Through observation of a completed work or exploration of the creative process, students understand how aspects of the artwork, such as the elements and principles of design, support the creator's intent.</p> <p>Practice 8. Interpret intent and meaning in artistic work. Through observation, discussion, or research, students reflect on an artistic work to discern what it evokes, expresses, or communicates to them.</p> <p>Practice 9. Apply criteria to evaluate artistic work. Students evaluate an artwork's effectiveness at evoking, expressing, or communicating artistic intent using either self-, group-, teacher-, or externally created criteria.</p> <p>Cluster 4: Connecting the arts to the self, society, history, culture, and other disciplines and bodies of knowledge. Artistically literate students discern connections between personal, societal, historical, and cultural contexts as well as multi-disciplinary knowledge when they reflect upon, interpret, respond to, and create artwork. These students understand that diverse forces influence how they view their own artwork as well as the art of others. As artistically literate people, they recognize the powerful influence and impact of the arts on society, history, and culture, as well as their own lives.</p> <p>Practice 10. Synthesize and relate knowledge and personal experiences to make art. Students draw from their personal and artistic experiences and their multi-disciplinary knowledge when envisioning and creating original art works that reflect their own artistic identity.</p> <p>Practice 11. Relate artistic ideas and works to societal, historical, and cultural contexts to deepen understanding. Students can articulate how societal, historical, and cultural forces have influenced artistic works, styles and genres, and vice versa.</p>



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Units	Essential Questions	Key Activities May Include:
Unit 1: Capturing Sound	<ul style="list-style-type: none"> What are the properties of soundwaves? What is digital sound? How do you get a sound from the source to the DAW? What types of microphones are used in recording applications? What other equipment is needed for a recording session? How do I set up a session in a Digital Audio Workstation (DAW)? 	Practical Applications: <ul style="list-style-type: none"> Recording drums, guitar, bass, vocals, microphone placement Microphone research Design your own home studio
Unit 2: Shaping Sound	<ul style="list-style-type: none"> What is the purpose of mixing recorded audio? How do mixing engineers create space for each instrument (balance/panning)? How does EQ work to shape and enhance frequencies in a mix? How can compressors help even out and enhance tracks and the overall mix? 	Practical Applications: <ul style="list-style-type: none"> Import stems, mix and balance stems, create mix busses, correctly apply EQ, compression, reverb, automation, and sidechaining.
Unit 3: Creating Sound	<ul style="list-style-type: none"> What is MIDI and how is it used in music production? How can I create music using a MIDI interface? How can live sound and MIDI exist together? 	Practical Applications: <ul style="list-style-type: none"> Story narration, podcast creation/spoken word, speech mixing multimedia project, MIDI input and editing, sampling
Unit 4: Mastering Sound	<ul style="list-style-type: none"> How can I share my music to the world? What is loudness and how does it effect mastering? What is mastering? What role does a mastering engineer play in the music 	Practical Applications: <ul style="list-style-type: none"> Mastering and adjusting produced mixdowns; metering and mastering plugins.



	<i>production process?</i>	
Unit 5: Applications	<ul style="list-style-type: none"> ▪ <i>How can I apply my knowledge of recording, mixing, production, and mastering to my own music?</i> 	Practical Applications: <ul style="list-style-type: none"> ▪ Beat creation, sampling and mixing, final projects