Department: Music
Course Title: Music Technology
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Unit Title	Unit Length (weeks)	Dates of Unit (Month - Month)	Essential Questions	Topics to be Covered Texts Used	Skills to be Assessed	Standard Alignment	Formative Assessments	Summative Assessments
Sequencing Basics	1	August	- What are loops? - What is sequencing?	Building a basic song using a limited sample of loops. Incredibox.com	Building a basic song using a limited sample of loops.	**MU:Cr1.1.T.IIa** Generate melodic, rhythmic, and harmonic ideas for compositions and improvisations using digital tools and resources. **MU:Cr2.1.T.IIa** Select melodic, rhythmic, and harmonic ideas to develop into a larger work that exhibits unity and variety using digital and analog tools. **MU:Cr3.1.T.IIa** Develop and implement varied strategies to improve and refine the technical and expressive aspects of draft compositions and improvisations. **MU:Cr3.2.T.IIa** Share compositions and improvisations that demonstrate an accomplished level of musical and technological craftsmanship as well as the use of digital and analog tools and resources in developing and organizing musical ideas. **MU:Pr4.I.T.IIa** Develop and apply criteria to select a varied repertoire to study and perform based on interest; an understanding of theoretical and structural characteristics of the music; and the performer's technical skill using digital tools and resources. **MU:Pr4.2.T.IIa** Describe and demonstrate how context, theoretical and structural aspects of the music and digital media/tools inform and influence prepared and improvised performances. **MU:Re7.I.T.IIa** Select and critique contrasting musical works, defending opinions based on manipulations of the elements of music, digital and electronic aspects, and the purpose and context of the works. **MU:Re8.1.T.IIa** Connect the influence of the treatment of the elements of music, digital and electronic features, context, purpose, and other art forms to the expressive intent of musical works.	Daily check - ins, Performance Checks, Exit Slips	Incredibox Project
Advanced Sequencing, Editing and Loops	2	August - September	- How do you use soundtrap to add loops? - How do you extend, loop and trim loops? - How do you place loops on the timeline? - How do you organize the timeline by individual tracks?	Soundtrap features and functionality, loop browser, loop editing, timeline, tracks and settings Soundtrap.com	Soundtrap features and functionality, loop browser, loop editing, timeline, tracks and settings	See Above	Daily check - ins, Performance Checks, Exit Slips	First Song Project
Song Form and Song Composition	2	September	- How are songs organized? - What are the parts of a song? - Why do songs have forms? - How and why do you stack sounds together to create music?	Song Form (Intro, A, B, A, Outro), Song texture (thin vs. thick texture) Soundtrap.com	Song Form (Intro, A, B, A, Outro), Song texture (thin vs. thick texture)	See Above	Daily check - ins, Performance Checks, Exit Slips	ABA Song Project
Beatmaking	2	September - October	- What are beats? - What are the key parts of a beat? - How do you make beats that sound great?	Beat function, beat identification, sound exploration, beat creation Soundtrap.com	Beat function, beat identification, sound exploration, beat creation	See Above	Daily check - ins, Performance Checks, Exit Slips	Beatmaking Project
Harmony and Melody	2	October	- What is harmony? - What is melody? - Why is harmony, melody and beatmaking important for composing a song?	Harmony function, melody function Soundtrap.com	Harmony function, melody function	See Above	Daily check - ins, Performance Checks, Exit Slips	Texture Project

Mixing and effects	2	October - November	- What is mixing? - What are effects? - Why is the post - composition phase of song composition just as important as the composition phase?	Effects tab, mixing settings, types of effects, post - production procedures Soundtrap.com	Effects tab, mixing settings, types of effects, post - production procedures	See Above	Daily check - ins, Performance Checks, Exit Slips	Effects Project
Microphones and sound waves	1	November	- What is a microphone and what is its purpose? - What is the difference between live and recorded sound? - What are the different types of microphones? - What are the parts of a microphone? - How do microphones work? - How do sound/sound waves work?	Microphone definitions, microphone types, microphone definitions, sound wave production, sound wave measurement	Microphone definitions, microphone types, microphone definitions, sound wave production, sound wave measurement	See Above	Daily check - ins, Performance Checks, Exit Slips	Microphones Quiz
Parts to a Live Sound Rig, Assembling a Rig	1	November	- What are the parts of a sound rig? - How do you properly assemble a sound rig?	Microphone, XLR cables, speakers, moniters	Microphone, XLR cables, speakers, moniters	See Above	Daily check - ins, Performance Checks, Exit Slips	Live Sound Demonstration Test
Advanced Rigging, live mixing	1	November	- How do you assemble a more complex sound rig? - How do you mic various objects and instruments? - How do you properly balance a mix?	Connecting to a soundboard, micing voice, micing instruments, micing podiums, micing drums	Connecting to a soundboard, micing voice, micing instruments, micing podiums, micing drums	See Above	Daily check - ins, Performance Checks, Exit Slips	
Podcasting, Production	1	December	- What is podcasting and why is it so popular? - What are some popular podcasts right now? - What is the importance of podcasting?	Podcasting definition, viewership and podcast types, listen to podcasts for inspiration Soundtrap.com	Podcasting definition, viewership and podcast types, listen to podcasts for inspiration	See Above	Daily check - ins, Performance Checks, Exit Slips	Listening survey
Creation, planning, micing and speaking in a podcast	2	December	- How do you create a podcast template? - How do you plan for a podccast? Why is planning important? - How do you mic a podcast? - How do you speak professionally?	Full podcast production: Planning, recording, mixing, post - production Soundtrap.com	Full podcast production: Planning, recording, mixing, post - production	See Above	Daily check - ins, Performance Checks, Exit Slips	Podcasting Recording and Script Writing
Publishing a Podcast	1	December	- How do you mix a podcast? - How does music composition improve a podcast? - How do you advertise a podcast?	Publication and Podcast Advertising Soundtrap.com	Publication and Podcast Advertising	See Above	Daily check - ins, Performance Checks, Exit Slips	Podcast completed
Finals Preperation	1	January	- Can you recall all of the information taught this year?	Soundtrap.com	All of the above	See Above	Daily check - ins, Performance Checks, Exit Slips	Final exam project