

Unit 5: Electronic Ensembles: Tips & Tricks

Music Technology

10 Class Meetings

Revised May 2023

Essential Questions

- How do we discern the musical creators' and performers' expressive intent?
- How do musicians make meaningful connections to creating, performing, and responding?
- How can music composition and performance evolve with the use of technology?

Enduring Understandings with Unit Goals

EU 1: Musicians connect their personal interests, experiences, ideas, and knowledge to creating, performing, and responding.

- Relate new terms and skills to common terminology or actions.
- Discover new technology commonly used in electronic ensembles.

EU 2: Musical performance and composition can evolve in many different ways with the use of technology.

- Develop an electronic ensemble set up with various equipment.
- Compare and contrast equipment used by popular recording artists.

Standards

Common Core State Standards:

MU:Cr1.1.T Generate and conceptualize artistic ideas and work.

MU:Cr2.1.T Organize and develop artistic ideas and work.

MU:Cr3.2.T Refine and complete artistic work.

MU:Pr4.1.T Analyze, interpret, and select artistic work for presentation.

MU:Pr5.1.T Develop and refine artistic work for presentation.

MU:Pr6.1.T Convey meaning through the presentation of artistic work.

MU:Re7.1.T Perceive and analyze artistic work.

MU:Re8.1.T Interpret intent and meaning in artistic work.

MU:Re9.1.T Apply criteria to evaluate artistic work.

MU:Cn10.0.T Synthesize and relate knowledge and personal experiences to make art.

MU:Cn11.0.T Relate artistic ideas and works with societal, cultural and historical context to deepen understanding.

ISAAC Vision of the Graduate Competencies

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Competency 1: Write effectively for a variety of purposes.

Competency 2: Speak to diverse audiences in an accountable manner.

Competency 3: Develop the behaviors needed to interact and contribute with others on a team.

Competency 4: Analyze and solve problems independently and collaboratively.

Competency 5: Be responsible, creative, and empathetic members of the community.

Unit Content Overview

1. Electronic Artists and Genres

- Analyze work of electronic artists.
- Define electronic music genres.
- Create music inspired by electronic music.

2. Electronic Ensembles

- Create a small recording studio
- Evaluate the importance of various equipment
- **Vocabulary-** Electronic Ensemble, Studio, Equipment, pioneer,

3. Recording Technology

- Produce recorded sounds with new technology
- Create a manual for using recording technology
- **Vocabulary-** Record, Sequencing, Quantize, Synthesizer, Resonance, Equalization, Balance, Programming, Coding, Performance

Interdisciplinary Connection:

- Language Arts – Reading Comprehension
- Social Studies – World History
- Science – Engineering

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Daily Learning Objectives with *Do Now Activities*

Students will be able to...

- Explain the history of electronic music and electronic music artists.
- Define and name electronic music genres (trance, house, techno, dubstep, etc.)
- Compose music in the style of a given genre.
- Identify components that make up an electronic ensemble.
- Discover the history and evolution of electronic ensembles.
- Compare and contrast different equipment that is used in electronic ensembles and recording studios.
- Relate terminology with physical equipment.
- Compose a brief melody using the sequencing technique.
 - Generate various sounds and musical ideas through recording technology.
 - Collect key aspects of electronic ensembles.
 - Design a beginner's manual for new electronic ensemble members.
 - Explain aspects of beginner's manual through presentation.

Instructional Strategies/Differentiated Instruction

- Lectures with notes
- Guided notes
- Student-led instruction
- Independent problem-solving
- Collaborative problem-solving
- Cross-curricular problem solving (independent and collaborative)
- Accountable Talk
- Homework

EL Strategies

- Word walls
- TWPS (Think, write, pair, share)
- Pre-reading strategies
- Culturally responsive teaching
- Explicit modeling
- Key Vocabulary
- Graphic organizers
- Strategic grouping
- Non-verbal Assessments

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Assessments

FORMATIVE ASSESSMENTS:

- Warm--ups
- Whiteboards
- Mid-class check-ins
- Exit Slips
- Accountable Talk Discussions
- Do Now
- Student-led instruction
- Homework
- Electronic Music for Dummies Performance Task
 - Future Rubric Assessment in 2021-2022

SUMMATIVE ASSESSMENTS:

- Electronic Music for Dummies Performance Task

Unit Task

Unit Task Name: Electronic Music for Dummies- Performance Task

Description: Students will use information learned in this unit to create a manual for new electronic ensemble and electronic music beginners. This manual will incorporate key terminology and personal experiences for reader's interpretation, among other tips and instructions the student feels are important for a new electronic musician. (EU1) In addition, the manual will include a brief history of electronic music and ensembles over time. (EU2)

Evaluation: Summative Assessment and Future Rubric in 2021-2022 school year

Unit Resources

- Flipped Google Classroom Videos
- Worksheets
- Laptops
- Soundtrap
- Audio Interfaces
- MIDI Keyboards
- Electronic Instruments
- Microphones
- Google Arts and Culture