Foundations Unit 1: Introduction and Orientation

Content Area: **Arts**
Course(s): **Music Technology**
Time Period: **Semester 1 & 2**
Length: **1-2 Weeks**
Status: **Published**

Standards

1.3E.12acc.Cr1a	Generate melodic, rhythmic and harmonic ideas for compositions or improvisations using digital tools and resources.
1.3E.12acc.Cr2a	Select melodic, rhythmic and harmonic ideas to develop into a larger work that exhibits unity and variety using digital and/or analog tools.
1.3E.12acc.Pr4a	Develop and apply criteria to select sound resources to study and perform based on interest, an understanding of musical characteristics of the music, and the performer's musical skill using digital tools and resources.
VPA.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.
VPA.1.3.12.B.CS1	Technical accuracy, musicality, and stylistic considerations vary according to genre, culture, and historical era.
CAEP.9.2.12.C.3	Identify transferable career skills and design alternate career plans.
TECH.8.1.12.A	Technology Operations and Concepts: Students demonstrate a sound understanding of technology concepts, systems and operations.
TECH.8.1.12.A.CS1	Understand and use technology systems.
TECH.8.1.12.E	Research and Information Fluency: Students apply digital tools to gather, evaluate, and use information.

Enduring Understandings

1. Technology has become inextricably linked to the creation and recording of music regardless of genre.
2. Familiarity with and maintenance of all music technologies is an essential precursor to their creative use.
3. Music Technology is a gateway into a variety of career opportunities within the industry.

Essential Questions

1. What is music production and how has it transformed the music industry?
2. What are the tools which producers and musicians use to realize their creative goals?
3. Why is proper care and maintenance within the workspace essential to the creative process?

Knowledge and Skills

Music Technology students will be able to:

- Articulate how technology is used in the production of various genres of music.
- Identify and demonstrate proper handling of key music production tools within the lab.
- Navigate and use basic computer programs and core functions relative to the course.

Terminology:

- Digital Audio Workstation
- FL Studio
- Pro Tools
- Suspension Arm
- Microphone
- Universal Serial Bus (USB)
- Analog
- Digital
- RCA Cable
- Tip Sleeve Cable (TS)
- Synthesizer
- Audio Interface
- Group Educational Controller (GEC)

Resources

- FL Studio Recording Software (https://www.image-line.com/flstudio/)
- In The Mix FL Studio Training (https://www.youtube.com/channel/UCIcCXe3iWo6lq-iWKV40Oug)
- Microphones, audio interfaces, related cables)
- Related Google Slides Presentations (https://bit.ly/2wpilAt, https://bit.ly/2TlwmIy)
- Splice.com Sampling Application (https://splice.com/home)
- Classroom (M:) Drive
- Supplementary Videos
- Google Pages website creation tool.

Transfer Goals

1. Students will be able to articulate the developments and advancements of music technology and how it has shaped the industry.

2. Students will be able to rehearse and demonstrate the systems and procedures essential to the responsible use and maintenance of the lab and their individual workspaces.

Assessments

Assessments

Modifications

Modifications