Unit 4: Audio Recording and Studio Keyboarding

Content Area: **Arts**
Course(s): **Piano and Keyboarding**
Time Period: **Semester 1 & 2**
Length: **3-4 Weeks**
Status: **Published**

Standards

1.3C.12prof.Pr	Performing
	Select, Analyze, Interpret
1.3C.12prof.Pr4a	Explain the criteria used to select varied repertoire to study based on an understanding of theoretical and structural characteristics of the music, the technical skill of the individual or ensemble, and the purpose or context of the performance.
1.3C.12prof.Pr5a	Develop strategies to address expressive challenges in a varied repertoire of music, and evaluate their success using feedback from ensemble peers and other sources to refine performances.
1.3C.12prof.Pr6a	Demonstrate attention to technical accuracy and expressive qualities in prepared and improvised performances of a varied repertoire of music representing diverse cultures, styles, and genres.
VPA.1.1.12.B	Music
VPA.1.1.12.B.1	Examine how aspects of meter, rhythm, tonality, intervals, chords, and harmonic progressions are organized and manipulated to establish unity and variety in genres of musical compositions.
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.1.1.12.B.CS1	Understanding nuanced stylistic differences among various genres of music is a component of musical fluency. Meter, rhythm, tonality, and harmonics are determining factors in the categorization of musical genres.
VPA.1.3.12.A.3	Demonstrate dance artistry with technical proficiency, musicality, stylistic nuance, clarity of choreographic intent, and efficiency of movement through the application of proper body mechanics.
VPA.1.3.12.A.4	Collaborate in the design and production of dances that use choreographic structures and incorporate various media and/or technologies.
VPA.1.3.12.A.CS2	Aesthetic quality results from conceptual coherence and from understanding and application of the principle unity of form and content.
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. Effective use of recording technology can facilitate the practice and rehearsal process.

2. Proper piano technique has far-reaching applications beyond the classical tradition.
3. Quality recordings in the music industry are often the product of several takes.

Essential Questions

1. How can a Digital Audio Workstation be used to make simple recordings?
2. How do the techniques of traditional piano playing translate when performing on digital controllers and synthesizers?
3. Why is the production and scrutinizing of personal recordings beneficial to reaching performance goals?

Knowledge and Skills

Piano/Keyboarding students will be able to:

- Navigate the interface of a digital audio workstation and arm recording devices.
- Record and render performances of preselected compositions.
- Utilize basic editing tools to cut, paste and sequence multiple recorded takes.
- Identify optimal exporting settings and render a finished performance for playback.

Terminology:

- Digital Audio Workstation
- FL Studio
- Audacity
- Mixer
- Track
- Multi-track
- Playlist
- Comp
- Crossfade
- Bleed
- Export
- MP3
- WAV
- Modulation
- Mod wheel

- Vibrato
- Pitch bend
- Synthesizer
- Audio Interface
- Group Educational Controller (GEC)

Resources

Piano KORG Keyboards

Piano Marvel

Computer (screen, keyboard, mouse)

microphone (as needed)

FL Studio (as needed)

headphones

Transfer Goals

1. Students will be able to utilize digital audio workstations to arm, record, edit and render performances of selected compositions.
2. Students will be able to explore extended keyboarding techniques for application in a music production environment.

Assessments

Assessments

Modifications

Modifications