

Audio Recording and Production 12

Foundational Outcomes

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As teachers determine their lesson plans for Term 1 of the 2020-2021 school year, one of the considerations will be the sequencing of learning activities. Where possible, activities that will be difficult or impossible to do at home should be done early in the term, to be better prepared to shift to a learning-at-home model, if required. The colour-coded outcomes below can serve as a guide for teachers as they make activity sequencing decisions.

 In-class learning priority

 In-class learning preferred

 Outcome could be met from home

Module 1: Principles of Sound

1.1 demonstrate an understanding of the language of electronics as it relates to audio

1.2 explore recordings in a critical manner using musical and recording terminology and techniques

1.3 determine the acoustic characteristics of a wide range of sound sources and environments

1.4 demonstrate an understanding of the evolution of recording technology and its impact on culture

1.5 demonstrate an understanding of hearing, audio safety, and general workplace safety as it pertains to the recording and live sound reinforcement industries

1.6 explore various music and recording industry career paths in audio production

Module 2: Technology and Sound (Capture)—Machines, Mics, and Connections

2.1 demonstrate an understanding of recording procedures for a wide variety of live and recorded situations

2.2 demonstrate an understanding of basic sound system components including cabling, mixing boards, amplifiers, main speakers, monitors, and communication systems

2.3 design and set up a variety of sound systems for various applications including live performance and recording

2.4 work co-operatively with organizations in the school and community that can benefit from live sound reinforcement or recording services

Module 3: Audio Production and Manipulation

3.1 manage acoustic environments using equalization

3.2 apply techniques of signal and dynamic processing

3.3 apply the techniques of editing to an audio recording

3.4 apply the techniques of mixing and mastering to an audio recording

3.5 demonstrate an understanding of MIDI

Module 4: Collaborative Project and Personal Portfolio

4.1 analyze and develop a project plan, including the definition, scope, roles, resources, steps, and deadlines for a solution

4.2 demonstrate the collaborative skills and behaviours required to work with others

4.3 identify, locate, and evaluate information, resources and equipment to build and deploy a solution

4.4 test, refine, and present the solution

4.5 reflect on the solution, process, and learning