

Georgia Performance Standards

Fine Arts

Music Technology Introduction

Students will learn the concepts of music technology, and its use in current music production methods. They will manipulate MIDI protocol, create multi-track compositions using sequencing software, and create song accompaniments. Music Technology students will also compose and arrange songs using notation software, analyze formal elements of music, and learn correct operational techniques for sound reinforcement systems.

GRADES 9 - 12

MASTERY MUSIC TECHNOLOGY

A. Skills and Techniques/Performance

MHSMMT1 - Singing, alone and with others, a varied repertoire of music

- a. Sing melodic and rhythmic patterns into an audio software program with technical accuracy
- b. Demonstrate basic ensemble singing skills with and without accompaniment

MHSMMT2 - Performing on instruments, alone and with others, a varied repertoire of music

- a. Develop basic keyboarding finger/hand position technique and correct posture for the midi keyboard/controller
- b. Apply major scale finger patterns in solo performances on the midi keyboard/controller
- c. Perform in small ensembles with one student on a part on electronic instruments
- d. Demonstrate knowledge of note names on the keyboard

MHSMMT 3 - Reading and notating music

- a. Demonstrate the ability to read an instrumental or vocal score by describing how the elements of music are used
- b. Manipulate basic music symbols and terms using music notation software
- c. Sight-read basic melodies and rhythms on the midi keyboard/controller
- d. Compose music using varied note entry methods (step-entry, real-time, etc...) in music notation software
- e. Demonstrate basic knowledge of notation software processes

B. Creation

MHSMMT4 - Improvising melodies, variations, and accompaniments

- a. Improvise basic rhythmic and melodic figures over basic chord progressions
- b. Devise rhythmic and melodic variations of a specific theme
- c. Create rhythmic and harmonic accompaniment to existing melodic material

MHSMMT5 - Composing and arranging music within specified guidelines

- a. Compose music in several distinct styles using music software or sequencer
- b. Arrange music for small ensembles using an specific instrumentation

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- c. Compare composition techniques used in different software packages
- d. Create and utilize loop based music data in compositions
- e. Utilize audio and signal effects such as reverb, chorus and echo in compositions and arrangements
- f. Explore basic rhythmic, melodic, and harmonic dictation

C. Critical Analysis/Investigate

MHSMMT6 -Listening to, analyzing, and describing music

- a. demonstrate an extensive knowledge of the technical vocabulary of music
- b. Identify and explain basic compositional devices and techniques
- c. Analyze form and harmony of aural and written examples of a varied repertoire of music

MHSMMT7 - Evaluating music and music performances

- a. Evaluate performances and compositions by comparing them to exemplary models
- b. Demonstrate proper knowledge and use of musical vocabulary when evaluating performances and compositions