Appendix 1: Implementing Teaching Standards

Common Core ELA Standards – Literacy

Speaking and Listening *SL.5.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on* grade 5 topics and texts*, building on others' ideas and expressing their own clearly.*
Discussion of the questions posed daily about artificial intelligence in relation to composition and artistic expression is a key component of this unit.

Writing W.5.1 *Link opinion and reasons using words, phrases, and clauses* (e.g., *consequently*, *specifically*).
Students will be asked to record in writing their opinions and thoughts on each of the important questions posed about artificial intelligence and music composition.

Essential Standards – Music

Musical Literacy *5.ML.1.3 Use instruments to perform rhythmic, melodic, and chordal patterns accurately and independently on classroom rhythmic, melodic, and harmonic instruments.*
Students will playback melodic and harmonic instrumental music parts they have composed.

5.ML:.3.2 Create compositions and arrangements within specified guidelines.
Students will compose while following the guidelines of the computer composition programs.

5.ML.3.3 Create rhythmic compositions using notation for whole, dotted half, half, and quarter notes; whole, half and quarter rests; and beamed eighth notes in duple , triple, and common time and which are arranged using a variety of sound sources.
These rhythms are chosen and played by the students as they compose.

Contextual Relevancy 5.CR.1 *Understand the relationships between music and concepts from other areas.*
Artificial Intelligence being used in music composition, illustrates music's e relationship with math, science, and technology.

Musical Response *5.MR.1 Use musical terminology in explaining music, including notation, instruments, voices, and performances.*
Students will describe the computer and human compositions using the appropriate terminology.