

# **Music Technology**

## **Introduction**

### **Philosophy and Rationale for the Arts**

The arts are essential in education and they provide students with a means to think, feel, and understand the world in unique ways. The meta-cognitive skills learned through instruction in the arts fosters effective work habits, creativity and innovation, critical thinking and problem solving, communication, and collaboration, each of which transfers across content areas preparing students for life in the 21<sup>st</sup> century.

These revised Nevada Academic Content Standards for Fine Arts encompass five disciplines: Visual Arts, Music, Theater, Dance, and Media Arts, and are predicated on a belief that Artistic Literacy provides students with an ability to create, present, critique, and connect art to their academic studies, lives, and the world around them.

The 2017-2018 Nevada Academic Content Standards for Fine Arts have substantive changes from those previously adopted to better respond to the needs of the field, including the following:

1. Creating four (4) strands to better represent the idea of artistic literacy. The four strands are: Creating, Performing, Responding, and Connecting.
2. The creation of Anchor standards under each of the strands to provide consistency across the disciplines and the presentation of standards across content, disciplines, and grade levels.
3. Grade by grade level standards for each discipline, including three (3) levels at high school to allow for greater differentiation of instruction and support student learning.
4. The inclusion of media arts standards to support the integration of artistic literacy in the areas of film, animation, gaming and computational artmaking (e.g., writing software code) to supplement existing standards in the area of digital communications across the curriculum.

**Interpretation Guide to Reading the Standards:**

<p><b>Strand: Creating-</b> Conceiving and developing new artistic work and ideas.</p>	<p><b>Strand: Performing-</b> Realizing artistic ideas and work through interpretation and presentation.</p>	<p><b>Strand: Responding-</b> Understanding and evaluating how the arts convey meaning.</p>	<p><b>Strand: Connecting-</b> Relating artistic ideas and work with personal meaning and external context.</p>
<p><b>Anchor Standard 1.</b> Generate and conceptualize artistic ideas and work.</p>	<p><b>Anchor Standard 4.</b> Analyze, interpret and select artistic work for presentation.</p>	<p><b>Anchor Standard 7.</b> Perceive and analyze artistic work.</p>	<p><b>Anchor Standard 10.</b> Synthesize and relate knowledge and personal experiences to make art.</p>
<p><b>Anchor Standard 2.</b> Organize and develop artistic ideas and work.</p>	<p><b>Anchor Standard 5.</b> Develop and refine artistic work for presentation.</p>	<p><b>Anchor Standard 8.</b> Interpret intent and meaning in artistic work.</p>	<p><b>Anchor Standard 11.</b> Relate artistic ideas and work with societal, cultural, and historical context to deepen understanding.</p>
<p><b>Anchor Standard 3.</b> Refine and complete artistic work.</p>	<p><b>Anchor Standard 6.</b> Convey meaning through the presentation of artistic work.</p>	<p><b>Anchor Standard 9.</b> Apply criteria to evaluate artistic work.</p>	

## Music Technology: Proficient

Strand	Anchor	Standard
Creating: Conceiving and developing new artistic ideas and work.	1. Generate and conceptualize artistic ideas and work.	MU:Cr1.1.THSI Generate melodic rhythmic, and harmonic ideas for composition or improvisations using digital tools.
	2. Organize and develop artistic ideas and work.	MU:Cr2.1.THSI Select melodic, rhythmic, and harmonic ideas to develop into a larger work using digital tools and resources.
	3. Refine and complete artistic work; Present culminating presentation of completed work.	MU:Cr3.1.THSI Drawing on feedback from teachers and peers, develop and implement strategies to improve and refine the technical and expressive aspects of draft compositions and improvisations.  MU:Cr3.2.THSI Share compositions or improvisations that demonstrate a proficient level of musical and technological craftsmanship as well as the use of digital tools and resources in developing and organizing musical ideas.
Performing: Realizing artistic work through interpretation and presentation.	4. Select, analyze, and interpret artistic work for presentation	MU:Pr4.1.THSI Develop and explain the criteria used for selecting a varied repertoire of music based on interest, music reading skills, and an understanding of the performer's technical and technological skill.  MU:Pr4.2.THSI Describe how context, structural aspects of the music, and digital media/tools inform prepared and improvised performances.  MU:Pr4.3.THSI Demonstrate how understanding the context, expressive challenges, and use of digital tools in a varied repertoire of music influence prepared or improvised performances.
	5. Develop and refine artistic techniques and work for presentation.	MU:Pr5.1.THSI Identify and implement rehearsal strategies to improve the technical and expressive aspects of prepared and improvised performances in a varied repertoire of music.
	6. Convey meaning through the presentation of artistic work.	MU:Pr6.1.THSI Using digital tools, demonstrate attention to technical accuracy and expressive qualities in prepared and improvised performances of a varied repertoire of music.  MU:Pr6.2.THSI Demonstrate an understanding of the context of music through prepared and improvised performances.
	7. Perceive and analyze	MU:Re7.1.THSI Cite reasons for choosing music based
Responding:		

<b>Strand</b>	<b>Anchor</b>	<b>Standard</b>
Understanding and evaluating how the arts convey meaning.	work.	on the use of the elements of music, digital and electronic aspects, and connections to interest or purpose.  MU:Re7.2.THSI Explain how knowledge of the structure (repetition, similarities, contrasts), technological aspects, and purpose of the music informs the response.
	8. Interpret intent and meaning in artistic work	MU:Re8.1.THSI Explain and support an interpretation of the expressive intent of musical selections based on treatment of the elements of music, digital and electronic features, and purpose.
	9. Apply criteria to evaluate artistic work.	MU:Re9.1.THSI Evaluate music using criteria based on analysis, interpretation, digital and electronic features, and personal interests.
Connecting: Relating artistic ideas and work with personal meaning and external context.	10. Apply and relate knowledge and personal experiences to make art.	MU:Cn10.1.THSI Demonstrate how interests, knowledge and skills relate to personal choices and intent when creating, performing, and responding to music.
	11. Relate artistic ideas and works with societal, cultural, and historical context to deepen understanding.	MU:Cn11.1.THSI Demonstrate understanding of relationships between music and the other arts, other disciplines, varied contexts and daily life.

## Music Technology: Accomplished

Strand	Anchor	Standard
Creating: Conceiving and developing new artistic ideas and work.	1. Generate and conceptualize artistic ideas and work.	MU:Cr1.1.THSII Generate melodic, rhythmic, and harmonic ideas for compositions and improvisations using digital tools and resources.
	2. Organize and develop artistic ideas and work.	MU:Cr2.1.THSII Select melodic, rhythmic, and harmonic ideas to develop into a larger work that exhibits unity and variety using digital and analog tools.
	3. Refine and complete artistic work; Present culminating presentation of completed work.	<p>MU:Cr3.1.THSII Develop and implement varied strategies to improve and refine the technical and expressive aspects of draft compositions and improvisations.</p> <p>MU:Cr3.2.THSII Share compositions and improvisations that demonstrate an accomplished level of musical and technological craftsmanship as well as the use of digital and analog tools and resources in developing and organizing musical ideas.</p>
Performing: Realizing artistic work through interpretation and presentation.	4. Select, analyze, and interpret artistic work for presentation	<p>MU:Pr4.1.THSII Develop and apply criteria to select a varied repertoire to study and perform based on interest; an understanding of theoretical and structural characteristics of the music; and the performer's technical skill using digital tools and resources.</p> <p>MU:Pr4.2.THSII Describe and demonstrate how context, theoretical and structural aspects of the music and digital media/tools inform and influence prepared and improvised performances.</p> <p>MU:Pr4.3.THSII Demonstrate how understanding the style, genre, context, and use of digital tools and resources in a varied repertoire of music influences prepared or improvised performances and performers' ability to connect with audiences.</p>
	5. Develop and refine artistic techniques and work for presentation.	MU:Pr5.1.THSII Develop and implement rehearsal strategies to improve and refine the technical and expressive aspects of prepared and improvised performances in a varied repertoire of music.
	6. Convey meaning through the presentation of artistic work.	MU:Pr6.1.THSII Using digital tools and resources, demonstrate technical accuracy and expressive qualities in prepared and improvised performances of a varied repertoire of music representing diverse cultures, styles, and genres.

<b>Strand</b>	<b>Anchor</b>	<b>Standard</b>
		MU:Pr6.2.THSII Demonstrate an understanding of the expressive intent when connecting with an audience through prepared and improvised performances.
Responding: Understanding and evaluating how the arts convey meaning.	7. Perceive and analyze work.	<p>MU:Re7.1.THSII Select and critique contrasting musical works, defending opinions based on manipulations of the elements of music, digital and electronic aspects, and the purpose and context of the works.</p> <p>MU:Re7.2.THSII Explain how an analysis of the structure, context, and technological aspects of the music informs the response.</p>
	8. Interpret intent and meaning in artistic work	MU:Re8.1.THSII Connect the influence of the treatment of the elements of music, digital and electronic features, context, purpose, and other art forms to the expressive intent of musical works.
	9. Apply criteria to evaluate artistic work.	MU:Re9.1.THSII Apply criteria to evaluate music based on analysis, interpretation, artistic intent, digital, electronic, and analog features, and musical qualities.
Connecting: Relating artistic ideas and work with personal meaning and external context.	10. Apply and relate knowledge and personal experiences to make art.	MU:Cn10.1.THSII Demonstrate how interests, knowledge and skills relate to personal choices and intent when creating, performing, and responding to music.
	11. Relate artistic ideas and works with societal, cultural, and historical context to deepen understanding.	MU:Cn11.1.THSII Demonstrate understanding of relationships between music and the other arts, other disciplines, varied contexts and daily life

## Music Technology: Advanced

Strand	Anchor	Standard
Creating: Conceiving and developing new artistic ideas and work.	1. Generate and conceptualize artistic ideas and work.	MU:Cr1.1.THSIII Generate melodic, rhythmic, and harmonic ideas for compositions and improvisations that incorporate digital tools, resources, and systems.
	2. Organize and develop artistic ideas and work.	MU:Cr2.1.THSIII Select, develop, and organize multiple melodic, rhythmic and harmonic ideas to develop into a larger work that exhibits unity, variety, complexity, and coherence using digital and analog tools, resources, and systems.
	3. Refine and complete artistic work; Present culminating presentation of completed work.	<p>MU:Cr3.1.THSIII Develop and implement varied strategies and apply appropriate criteria to improve and refine the technical and expressive aspects of draft compositions and improvisations.</p> <p>MU:Cr3.2.THSIII Share a portfolio of musical creations representing varied styles and genres that demonstrates an advanced level of musical and technological craftsmanship as well as the use of digital and analog tools, resources and systems in developing and organizing musical ideas.</p>
Performing: Realizing artistic work through interpretation and presentation.	4. Select, analyze, and interpret artistic work for presentation	<p>MU:Pr4.1.THSIII Develop and apply criteria to select varied programs to study and perform based on interest, an understanding of the theoretical and structural characteristics, as well as expressive challenges in the music, and the performer's technical skill using digital tools, resources, and systems.</p> <p>MU:Pr4.2.THSIII Examine, evaluate and critique how context, theoretical and structural aspects of the music and digital media/tools inform and influence prepared and improvised performances.</p> <p>MU:Pr4.3.THSIII Demonstrate how understanding the style, genre, context, and integration of digital technologies in a varied repertoire of music informs and influences prepared and improvised performances and their ability to connect with audiences.</p>
	5. Develop and refine artistic techniques and work for presentation.	MU:Pr5.1.THSIII Apply appropriate criteria as well as feedback from multiple sources and develop and implement varied strategies to improve and refine the technical and expressive aspects of prepared and improvised performances in varied programs of

Strand	Anchor	Standard
		music.
	6. Convey meaning through the presentation of artistic work.	<p>MU:Pr6.1.THSIII Integrating digital and analog tools and resources, demonstrate an understanding and attention to technical accuracy and expressive qualities of the music in prepared and improvised performances of a varied repertoire of music representing diverse cultures, styles, genres, and historical periods.</p> <p>MU:Pr6.2.THSIII Demonstrate an ability to connect with audience members before, and engaging with and responding to them during prepared and improvised performances.</p>
Responding: Understanding and evaluating how the arts convey meaning.	7. Perceive and analyze work.	<p>MU:Re7.1.THSIII Select, describe and compare a variety of musical selections based on characteristics and knowledge of the music, understanding of digital and electronic aspects, and the purpose and context of the works.</p> <p>MU:Re7.2.THSIII Demonstrate and justify how an analysis of the structural characteristics, context, and technological and creative decisions, informs interest in and response to the music.</p>
	8. Interpret intent and meaning in artistic work	MU:Re8.1.T.THSIII Examine, cite research and multiple sources to connect the influence of the treatment of the elements of music, digital and electronic features, context, purpose, and other art forms to the expressive intent of musical works
	9. Apply criteria to evaluate artistic work.	MU:Re9.1.THSIII Develop and justify the evaluation of a variety of music based on established and personally-developed criteria, digital, electronic and analog features, and understanding of purpose and context.
Connecting: Relating artistic ideas and work with personal meaning and external context.	10. Apply and relate knowledge and personal experiences to make art.	MU:Cn10.1.THSIII Demonstrate how interests, knowledge and skills relate to personal choices and intent when creating, performing, and responding to music.
	11. Relate artistic ideas and works with societal, cultural, and historical context to deepen understanding.	<p>MU:Cn11.1.THSIII</p> <p>Demonstrate understanding of relationships between music and the other arts, other disciplines, varied contexts and daily life.</p>