

CARLISLE AREA SCHOOL DISTRICT
Carlisle, PA 17013

MUSIC TECHNOLOGY

GRADES 9 - 12

Date of Board Approval: **June 21, 2012**

**CARLISLE AREA SCHOOL DISTRICT
PLANNED INSTRUCTION COVER PAGE**

Title of Course: Music Technology Subject Area: Music Grade Level: 9-12

Course Length: (Semester/Year): Year Duration: 50 minutes Frequency: 5 days per week

Prerequisites: _____ Credit: 1 Level: _____

Course Description/Objectives: Course Description/Objectives: The district shall provide for the attainment of the academic standards per Chapter 4.12. The study of music can foster the ability of students to understand production, performance and exhibition; historical and cultural contexts, critical response and aesthetic response.

Major Text(s)/Resources: None

Curriculum Writing Committee:

Byron Mikesell

David Rohrer

Unit: Critical Listening	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> ● Discuss the perceived overall volume of the work. Explain when, how and why the volume changes in a piece. ● Describe the function of dynamics in the structure of selected listening examples. 	<ul style="list-style-type: none"> ● Music Listening Assignments ● Musical Characteristic Summary ● Whole-Class Critique of Student Listening Samples ● Teacher made tests and quizzes ● Chapter tests and quizzes ● Curriculum-based assessments ● Standardized tests ● Demonstrations ● Performance assessments ● Portfolios ● Research papers ● Essays ● Oral presentations ● Multi-media presentations
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> ● Describe the perceived articulations in a variety of listening examples. Explain when, how and why the articulations change in a piece. ● Describe the function of articulation in selected listening examples. 	
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> ● Describe the overall tempo of a variety of listening examples. Explain when, how and why the tempo changes in a piece. ● Describe the function of tempo in selected listening examples. 	
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities. 9.3.12.C: Apply systems of classification for interpreting works in the arts and forming a critical response.	<ul style="list-style-type: none"> ● Identify, classify, and discuss functions and features of recorded music through listening to a variety of examples from different genres. 	
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> ● Predict the provenance of a work based on its structure and musical features. 	

Unit: Critical Listening	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
9.1.12.B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.	<ul style="list-style-type: none"> • Create original compositions according to guidelines requiring specific structure and musical features. • Critiqued and evaluate musical compositions relative to structural and musical elements. 	<ul style="list-style-type: none"> • Music Listening Assignments • Musical Characteristic Summary • Whole-Class Critique of Student Listening Samples • Teacher made tests and quizzes • Chapter tests and quizzes • Curriculum-based assessments • Standardized tests • Demonstrations • Performance assessments • Portfolios • Research papers • Essays • Oral presentations • Multi-media presentations
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Determine the mode of the work and describe the meaning of perceived changes in the mode within a composition. • Explain how the mode contributes to the character of the music. 	
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Explain the visual image that a work summons within you. • Describe the character of the piece and the musical elements that work together to create its character. 	
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Outline the texture within a composition. • Describe how the texture of a specific composition is designed including how and why this specific texture is significant to the piece. 	
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Describe the form of a work using musical vocabulary. • Describe how the form of a specific work is designed by the composer. • Explain how form contributes to the character of the work. 	













































































































Unit: Critical Listening	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
<p>9.1.12.B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.</p> <p>9.1.12.E: Delineate a unifying theme through the production of a work that reflects skills in media processes and techniques</p>	<ul style="list-style-type: none"> ● Describe the roles that rhythm, harmonic progression, and contour play in melodic composition. 	<ul style="list-style-type: none"> ● Music Listening Assignments ● Musical Characteristic Summary ● Whole-Class Critique of Student Listening Samples ● Teacher made tests and quizzes ● Chapter tests and quizzes ● Curriculum-based assessments ● Standardized tests ● Demonstrations ● Performance assessments ● Portfolios ● Research papers ● Essays ● Oral presentations ● Multi-media presentations
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> ● Describe the role that is played by: rhythm; tempo; style; form; tonality; texture; mode; character; melody; lyrics; and genre in a specific composition. 	









































































Unit: History of Music Technology	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
9.2.12.E: Analyze how historical events and culture impact forms, techniques and purposes of works in the arts.	<ul style="list-style-type: none"> ● Outline the development of technology in music has spanned many decades, genres, and personnel. ● Outline how the access to technology in music has evolved from 1900-present. 	<ul style="list-style-type: none"> ● Music Tech “Pioneer” Research Assignments ● Teacher made tests and quizzes ● Chapter tests and quizzes ● Curriculum-based assessments ● Standardized tests ● Demonstrations ● Performance assessments ● Portfolios ● Essays ● Oral presentations ● Multi-media presentations
9.2.12.E: Analyze how historical events and culture impact forms, techniques and purposes of works in the arts.	<ul style="list-style-type: none"> ● Explain the contributions of pioneers in the field of music technology. 	
9.2.12.E: Analyze how historical events and culture impact forms, techniques and purposes of works in the arts.	<ul style="list-style-type: none"> ● Explain how and why varied genres and styles of music use an array of music technologies. 	
9.2.12.E: Analyze how historical events and culture impact forms, techniques and purposes of works in the arts.	<ul style="list-style-type: none"> ● Analyze and discuss how and why devices and storage media have developed with the technology of music and music distribution in mind. 	
9.2.12.E: Analyze how historical events and culture impact forms, techniques and purposes of works in the arts.	<ul style="list-style-type: none"> ● Analyze and discuss orally and in writing: the progression of technology and its application in music. ● Synthesize and discuss orally and in writing: the potential impact of technology on music. 	

Unit: Music Theory Module A: “Pitch”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
<p>9.1.12.B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.</p>	<ul style="list-style-type: none"> • Demonstrate musical fluency with: • Piano key names. • Terminology for octave registers • Basic hand position for playing piano • Basic understanding of reading and performing piano music 	<ul style="list-style-type: none"> • Keyboard performance demonstration for teacher • In-class “public” keyboard performance • Student-created (original) melody assignments • Teacher made tests and quizzes • Chapter tests and quizzes • Curriculum-based assessments • Standardized tests • Demonstrations • Performance assessments • Portfolios • Research papers • Essays • Oral presentations • Multi-media presentations
<p>9.1.12.B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.</p>	<ul style="list-style-type: none"> • Demonstrate musical fluency with: • Musical Alphabet: A, B, C, D, E, F, G • Treble and Bass Clef Notation • Ledger lines 	
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> • Understand and construct major and minor scales using the whole and half step formulas for each scale type. 	
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> • Demonstrate musical fluency with the following: Circle of 4ths, Sharps and Flats in each Key Signature, Notation of Major and minor scales 	
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> • Understand and use appropriate vocabulary to describe the scale degrees in tonal music: Tonic, Supertonic, Mediant, Subdominant, Dominant, Submediant, Leading Tone 	

Unit: Music Theory Module A: “Pitch”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Understand and use interval quality continua: (1, 4, 5, 8) <u>P</u> (2, 3, 6, 7) <u>M</u> • Understand and use the extended intervals (9th, 11th, etc.) 	<ul style="list-style-type: none"> • Keyboard performance demonstration for teacher • In-class “public” keyboard performance • Student-created (original) melody assignments • Teacher made tests and quizzes • Chapter tests and quizzes • Curriculum-based assessments • Standardized tests • Demonstrations • Performance assessments • Portfolios • Research papers • Essays • Oral presentations • Multi-media presentations
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Identify key names on the piano • Demonstrate the ability to play a given pitch in a specific register of the piano via notation 	
9.1.12.B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.	<ul style="list-style-type: none"> • Perform music containing block chords (left hand) and simple melody (right hand) via written notation (Examples: Merrily We Roll Along, Ode To Joy, Lavender’s Blue) 	
9.1.12.B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.	<ul style="list-style-type: none"> • Identify pitched notation on the staff including ledger lines • Identify on keyboard and/or name pitches in any Major scale 	

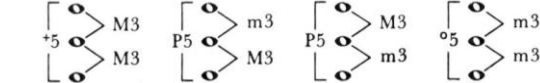
Unit: Music Theory Module A: “Pitch”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> ● Identify diatonic and non-diatonic intervals by number and quality ● Notate diatonic and non-diatonic intervals 	<ul style="list-style-type: none"> ● Keyboard performance demonstration for teacher ● In-class “public” keyboard performance ● Student-created (original) melody assignments ● Teacher made tests and quizzes ● Chapter tests and quizzes ● Curriculum-based assessments ● Standardized tests ● Demonstrations ● Performance assessments ● Portfolios ● Research papers ● Essays ● Oral presentations ● Multi-media presentations

Unit: Music Theory Module B: “Rhythm”	Subject Area: Music Technology	Grade: 9-12																					
PA Academic Standards	Performance Indicators	Assessments																					
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> Understand and use the following notes and rests. <table border="1" data-bbox="814 354 1281 764"> <thead> <tr> <th>Value</th> <th>Note</th> <th>Rest</th> </tr> </thead> <tbody> <tr> <td>Breve</td> <td> =  + </td> <td> =  + </td> </tr> <tr> <td>Whole</td> <td> =  + </td> <td> =  + </td> </tr> <tr> <td>Half</td> <td> =  + </td> <td> =  + </td> </tr> <tr> <td>Quarter</td> <td> =  + </td> <td> =  + </td> </tr> <tr> <td>Eighth</td> <td> =  + </td> <td> =  + </td> </tr> <tr> <td>Sixteenth</td> <td> =  + </td> <td> =  + </td> </tr> </tbody> </table>	Value	Note	Rest	Breve	 =  + 	 =  + 	Whole	 =  + 	 =  + 	Half	 =  + 	 =  + 	Quarter	 =  + 	 =  + 	Eighth	 =  + 	 =  + 	Sixteenth	 =  + 	 =  + 	<ul style="list-style-type: none"> Keyboard performance demonstration for teacher In-class “public” keyboard performance Student-created (original) melody assignments Student-created (original) rhythm assignments Teacher made tests and quizzes Chapter tests and quizzes Curriculum-based assessments Standardized tests Demonstrations Performance assessments Portfolios Research papers Essays Oral presentations Multi-media presentations
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<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> Know and use the following tempo terminologies: Grave, Largo, Lento, Adagio, Andante, Moderato, Allegretto, Allegro, Vivace, Presto 																						
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> Understand, identify, and use the following concepts: Beat grouping, Meter type, Metric Accent Pattern, Simple Meter, Compound Meter, Mixed Meter, Odd Meter. 																						

Unit: Music Theory Module B: “Rhythm”	Subject Area: Music Technology	Grade: 9-12																												
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<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> Understand and use information from the following table in music composition: <table border="1" data-bbox="821 383 1251 813"> <thead> <tr> <th><i>Time signature</i></th> <th><i>Beats per measure</i></th> <th><i>Beat note</i></th> <th><i>Division of the beat</i></th> </tr> </thead> <tbody> <tr> <td>$\frac{2}{4}$</td> <td>2</td> <td></td> <td></td> </tr> <tr> <td>$\frac{2}{2}$ or C</td> <td>2</td> <td></td> <td></td> </tr> <tr> <td>$\frac{3}{16}$</td> <td>3</td> <td></td> <td></td> </tr> <tr> <td>$\frac{3}{4}$</td> <td>3</td> <td></td> <td></td> </tr> <tr> <td>$\frac{4}{8}$</td> <td>4</td> <td></td> <td></td> </tr> <tr> <td>$\frac{4}{4}$ or C</td> <td>4</td> <td></td> <td></td> </tr> </tbody> </table>	<i>Time signature</i>	<i>Beats per measure</i>	<i>Beat note</i>	<i>Division of the beat</i>	$\frac{2}{4}$	2			$\frac{2}{2}$ or C	2			$\frac{3}{16}$	3			$\frac{3}{4}$	3			$\frac{4}{8}$	4			$\frac{4}{4}$ or C	4			<ul style="list-style-type: none"> Keyboard performance demonstration for teacher In-class “public” keyboard performance Student-created (original) melody assignments Student-created (original) rhythm assignments Teacher made tests and quizzes Chapter tests and quizzes Curriculum-based assessments Standardized tests Demonstrations Performance assessments Portfolios Research papers Essays Oral presentations Multi-media presentations
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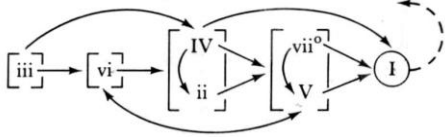
Unit: Music Theory Module B: “Rhythm”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> ● Identify and manipulate rhythm patterns in a variety of time signatures. ● Predict meter based on aural examples. 	<ul style="list-style-type: none"> ● Keyboard performance demonstration for teacher ● In-class “public” keyboard performance ● Student-created (original) melody assignments ● Student-created (original) rhythm assignments ● Teacher made tests and quizzes ● Chapter tests and quizzes ● Curriculum-based assessments ● Standardized tests ● Demonstrations ● Performance assessments ● Portfolios ● Research papers ● Essays ● Oral presentations ● Multi-media presentations

Unit: Music Theory Module B: “Rhythm”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
9.1.12.B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.	<ul style="list-style-type: none"> • Discuss meter, tempo, and division of the beat in oral and written format in response to a variety of aural examples. • Properly use beat and tempo indicators in original composition. 	<ul style="list-style-type: none"> • Keyboard performance demonstration for teacher • In-class “public” keyboard performance • Student-created (original) melody assignments • Student-created (original) rhythm assignments • Teacher made tests and quizzes • Chapter tests and quizzes • Curriculum-based assessments • Standardized tests • Demonstrations • Performance assessments • Portfolios • Research papers • Essays • Oral presentations • Multi-media presentations
9.1.12.B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.	<ul style="list-style-type: none"> • Implement examples of varied divisions of the beat in original composition. • Discuss division of the beat in aural and notated examples. 	
9.1.12.B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.	<ul style="list-style-type: none"> • Use a variety of time signatures in notated composition (simple and compound). 	

Unit: Music Theory Module C: “Chords”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> Understand the different ways to combine “thirds” to create “triads.”  <p>Augmented Major minor diminished</p>	<ul style="list-style-type: none"> Keyboard performance demonstration for teacher In-class “public” keyboard performance Student-created (original) works Teacher made tests and quizzes Chapter tests and quizzes Curriculum-based assessments Standardized tests Demonstrations Performance assessments Portfolios Research papers Essays Oral presentations Multi-media presentations
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> Understand, identify, construct, and use major seventh, major-minor seventh, minor seventh, half-diminished seventh, and diminished seventh chords. 	
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> Understand, identify, construct, and use <i>inversions of triads</i>: root, first inversion, second inversion. 	
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> Understand, identify, construct, and use <i>inversions of seventh chords</i>: root, first inversion, second inversion, third inversion. 	
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> Identify and manipulate chords. Discuss chords in oral and written format in response to a variety of notated examples. 	

Unit: Music Theory Module C: “Chords”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> ● Discuss inversions of chords in oral and written format. ● Predict key signature based on notated chords. 	<ul style="list-style-type: none"> ● Keyboard performance demonstration for teacher ● In-class “public” keyboard performance ● Student-created (original) works ● Teacher made tests and quizzes ● Chapter tests and quizzes ● Curriculum-based assessments ● Standardized tests ● Demonstrations ● Performance assessments ● Portfolios ● Research papers ● Essays ● Oral presentations ● Multi-media presentations
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> ● Compose melody based on a given set of chords. ● Compose chords based on given melodic material. 	
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> ● Apply knowledge of triads and seventh chords to original compositions. 	
9.1.12.B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.	<ul style="list-style-type: none"> ● Justify the use of specific chords or inversions in original composition orally and in writing. ● Identify chords and chord progressions in notated works. 	
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> ● Discuss the diatonic chord differences between major and minor modes. 	

Unit: Music Theory Module D: “Melody”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Employ guidelines relative to the following in the process of writing melodic material: Rhythm, Harmony, Contour, Leaps, Tendency Tones 	<ul style="list-style-type: none"> • Keyboard performance demonstration for teacher • In-class “public” keyboard performance • Student-created (original) works • Melody-writing (original) assignments • Teacher made tests and quizzes • Chapter tests and quizzes • Curriculum-based assessments • Standardized tests • Demonstrations • Performance assessments • Portfolios • Research papers • Essays • Oral presentations • Multi-media presentations
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Understand how to read and compose a full score...specifically including the following overarching concepts/vocabulary: score order, system, transposing instruments, instrument groupings, score text, part text, dynamics – placement, phrasing/phrase markings – placement. 	
9.1.12.B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.	<ul style="list-style-type: none"> • Understand and use differences in the following chord structures for varied effects in original composition: Close structure, Open structure. 	
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Understand that there are different types of cadences that give musical punctuation to a composition and experiment with different types in original composition: <i>Conclusive</i>: Authentic and plagal, <i>Progressive</i>: Deceptive and half, Period, phrase, variations of the period. 	

Unit: Music Theory Module B: “Rhythm”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> Understand and use the commonly accepted progression of chords in Major mode per the following diagram: <i>Major mode</i> 	<ul style="list-style-type: none"> Keyboard performance demonstration for teacher In-class “public” keyboard performance Student-created (original) works Melody-writing (original) assignments Teacher made tests and quizzes Chapter tests and quizzes Curriculum-based assessments Standardized tests Demonstrations Performance assessments Portfolios Research papers Essays Oral presentations Multi-media presentations

Unit: Music Theory Module D: “Melody”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> Understand and use the commonly accepted progression of chords in minor mode per the following diagram: <i>Minor mode</i> 	<ul style="list-style-type: none"> Keyboard performance demonstration for teacher In-class “public” keyboard performance Student-created (original) works Melody-writing (original) assignments
<p>9.1.12.B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.</p>	<ul style="list-style-type: none"> Discuss the principles of melody in aural and written form. Critique melodic material based on the principles of melody. 	<ul style="list-style-type: none"> Teacher made tests and quizzes Chapter tests and quizzes Curriculum-based assessments Standardized tests Demonstrations Performance assessments
<p>9.1.12.B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.</p>	<ul style="list-style-type: none"> Compose melodic material based on the principles of melody. Employ concepts of chord notation and varied voicing of chords in original composition. 	<ul style="list-style-type: none"> Portfolios Research papers Essays Oral presentations Multi-media presentations
<p>9.1.12.B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.</p>	<ul style="list-style-type: none"> Employ a variety of cadences in original composition. Demonstrate the ability to adhere to commonly accepted chord sequence through original composition. 	

Unit: Finale Module A: “Program Functions”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> • Know, understand and use each of the functions of the software that follow: Selection tool, Staff tool, Key signature tool, Time signature tool, Clef tool, Measure tool, Simple entry tool, Speedy entry tool, Hyperscribe tool, Tuplet tool, Smart shape tool, Articulation tool, Dynamics tool, Repeat tool, Chord tool, Lyrics tool, Text tool, Percent tool, Page layout tool, Hand grabber tool, Zoom tool, Launch window, New, Save, Extract Parts 	<ul style="list-style-type: none"> • Student-directed software function demos • Student compositions and other music notation assignments • Teacher made tests and quizzes • Chapter tests and quizzes • Curriculum-based assessments • Standardized tests • Demonstrations • Performance assessments • Portfolios • Research papers • Essays • Oral presentations • Multi-media presentations

Unit: Finale Module A: “Program Functions”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> • Export • Print • Scroll • Page • Studio • Display in concert pitch • Edit measure number regions • Show/hide measure numbers 	<ul style="list-style-type: none"> • Student-directed software function demos • Student compositions and other music notation assignments • Teacher made tests and quizzes • Chapter tests and quizzes • Curriculum-based assessments • Standardized tests • Demonstrations • Performance assessments • Portfolios • Research papers • Essays • Oral presentations • Multi-media presentations
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> • Demonstrate the ability to notate arrangements of familiar tunes and creative original works using designated sets of these functions for each assignment. 	
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> • Discuss in oral and written form the functions of Finale. 	
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> • Analyze notation and composition project requirements and learn to apply new techniques through a variety of student-based learning strategies including but not limited to the following: collaboration, observation and research. 	

Unit: Finale Module B: “Instruments and Common Exports”		Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments	
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Understand how to configure and use virtual instruments in Finale compositions. • Demonstrate understanding of how to save in audio and MIDI formats. 	<ul style="list-style-type: none"> • Student-directed software function demos • Student compositions and other music notation assignments • Teacher made tests and quizzes • Chapter tests and quizzes • Curriculum-based assessments • Standardized tests • Demonstrations • Performance assessments • Portfolios • Research papers • Essays • Oral presentations • Multi-media presentations 	
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Configure Finale to recognize the USB midi keyboard as an input device. 		
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Demonstrate facility with using the USB midi keyboard as an input device. 		
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Configure compositions to “perform” with specific instrument sets – and then change the instruments as directed to a different set of instruments. 		

Unit: Finale Module A: “Program Functions”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> • Demonstrate the ability to export files as .WAV and MIDI formats for use by other software. • Demonstrate the ability to import MIDI files into Finale. 	<ul style="list-style-type: none"> • Student-directed software function demos • Student compositions and other music notation assignments • Mixcraft Original Assignments • Specific Mixcraft Assignments (for the purpose of melody, rhythm, harmony, etc) • Teacher made tests and quizzes • Chapter tests and quizzes • Curriculum-based assessments • Standardized tests • Demonstrations • Performance assessments • Portfolios • Research papers • Essays • Oral presentations • Multi-media presentations

Unit: Finale Module C: “Composition”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Demonstrate the ability to use multiple voices/layering, dynamics, dynamic changes, tempo changes, slurs, ties, triplets, lyrics, varied time signatures, articulations, repeats, chord symbols, text, a variety of notes and rests, transposing instruments, rehearsal letters/numbers, and measure numbers. 	<ul style="list-style-type: none"> • Student-directed software function demos • Student compositions and other music notation assignments • Teacher made tests and quizzes • Chapter tests and quizzes • Curriculum-based assessments • Standardized tests • Demonstrations • Performance assessments • Portfolios • Research papers • Essays • Oral presentations • Multi-media presentations
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Consistently employ a variety of tools and techniques in the composition of original music. 	
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Discuss composition elements, chord structure, harmonic progression, and melodic material orally and in writing. 	
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Demonstrate the ability to compose original music that meets specific requirements of duration, tempo, mode, character, texture, instrumentation, and form. 	

Unit: Mixcraft Module A: “Program Functions”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> • Understand how to employ the following features of Mixcraft to begin creating music: Setting/changing Mixcraft and computer workstation sound preferences, Create tracks using sounds from the library Project key, tempo, time signature, Note entry using the notation view, Note entry using the piano roll view, Note entry using import from Finale, Note entry using a midi keyboard, Use library sounds and loops, Use virtual instrument sounds. 	<ul style="list-style-type: none"> • Student-directed software function demos • Student compositions and other music notation assignments • Mixcraft Original Assignments • Specific Mixcraft Assignments (for the purpose of melody, rhythm, harmony, etc) • Teacher made tests and quizzes • Chapter tests and quizzes • Curriculum-based assessments • Standardized tests • Demonstrations • Performance assessments • Portfolios • Research papers • Essays • Oral presentations • Multi-media presentations
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> • Arrange and create compositions that adhere to a specified style or genre, tempo or character, that portray a particular sound or timbre. 	
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> • Demonstrate the ability to create arrangements of familiar tunes and creative original works using designated sets of these functions for each assignment. 	
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> • Discuss the functions of Mixcraft in oral and written form. 	

Unit: Mixcraft Module A: “Program Functions”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
<p>9.1.12.B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.</p>	<ul style="list-style-type: none"> • Analyze a variety of listening examples and learn to apply new techniques through a variety of student-based learning strategies including but not limited to the following: collaboration, observation and research. 	<ul style="list-style-type: none"> • Student compositions and other music notation assignments • Mixcraft Original Assignments • Specific Mixcraft Assignments (for the purpose of melody, rhythm, harmony, etc) • Teacher made tests and quizzes • Chapter tests and quizzes • Curriculum-based assessments • Standardized tests • Demonstrations • Performance assessments • Portfolios • Research papers • Essays • Oral presentations • Multi-media presentations

Unit: Mixcraft Module B: “Audio Effects”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> ● Know, understand and use each of the functions/overarching concepts of the software that follow: <p><i>Acoustica Effects:</i> Chorus, Compressor, Delay, Distortion, EQ, Flanger, Reverb</p> <p><i>VST Effects:</i> Auto-Filter, Chorus, Compressor, Delay, EQ, Flanger, Master Limiter, Phaser, reverb, Pitch Correction</p> <ul style="list-style-type: none"> ● Send Tracks, Master Track, Automation 	<ul style="list-style-type: none"> ● Student-directed software function demos ● Student compositions and other music notation assignments ● Mixcraft Original Assignments ● Specific Mixcraft Assignments (for the purpose of melody, rhythm, harmony, etc) ● Teacher made tests and quizzes ● Chapter tests and quizzes ● Curriculum-based assessments ● Standardized tests ● Demonstrations ● Performance assessments ● Portfolios ● Research papers ● Essays ● Oral presentations ● Multi-media presentations

Unit: Mixcraft Module B: “Audio Effects”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> ● Use effects, send tracks, and automation to enhance original composition by specific and deliberate methods to alter the sound, space, mood, or other aspect of the work. 	<ul style="list-style-type: none"> ● Student-directed software function demos ● Student compositions and other music notation assignments ● Mixcraft Original Assignments ● Specific Mixcraft Assignments (for the purpose of melody, rhythm, harmony, etc) ● Teacher made tests and quizzes ● Chapter tests and quizzes ● Curriculum-based assessments ● Standardized tests ● Demonstrations ● Performance assessments ● Portfolios ● Research papers ● Essays ● Oral presentations ● Multi-media presentations
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> ● Consistently and effectively implement the use of send tracks, effects, and automation in the creation of arrangements and original Mixcraft compositions. 	

Unit: Mixcraft Module C: “Original Composition”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> ● Demonstrate the ability to use a midi keyboard workstation to create effective original works that employ looping and recycled material. 	<ul style="list-style-type: none"> ● Student-directed software function demos ● Student compositions and other music notation assignments ● Mixcraft Original Assignments ● Specific Mixcraft Assignments (for the purpose of melody, rhythm, harmony, etc) ● Teacher made tests and quizzes ● Chapter tests and quizzes ● Curriculum-based assessments ● Standardized tests ● Demonstrations ● Performance assessments ● Portfolios ● Research papers ● Essays ● Oral presentations ● Multi-media presentations
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> ● Demonstrate the ability to use a midi keyboard workstation to create effective through-composed original works. 	
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> ● Know and understand the differences between genres of music and the styles that are associated with them. ● Understand and demonstrate the ability to create a certain “character” in music – and how to make the software respond to effectively portray the desired outcome. 	
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> ● Understand how to create original works that conform to specific musical requirements. 	

Unit: Finale Module A: “Program Functions”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
<p>9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.</p>	<ul style="list-style-type: none"> • Understand and compose based on known limitations of live performers and ramifications on a composer of music (certain electronic assignments will be created with the “live” performer in mind). 	<ul style="list-style-type: none"> • Student-directed software function demos • Student compositions and other music notation assignments • Mixcraft Original Assignments • Specific Mixcraft Assignments (for the purpose of melody, rhythm, harmony, etc) • Teacher made tests and quizzes • Chapter tests and quizzes • Curriculum-based assessments • Standardized tests • Demonstrations • Performance assessments • Portfolios • Research papers • Essays • Oral presentations • Multi-media presentations

Unit: Mixcraft Module C: “Original Composition”	Subject Area: Music Technology	Grade: 9-12
PA Academic Standards	Performance Indicators	Assessments
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Understand and deal with limitations of digital media and ramifications on a composer of music (certain electronic assignments will be created with the “electronic” performer in mind) 	<ul style="list-style-type: none"> • Student-directed software function demos • Student compositions and other music notation assignments • Mixcraft Original Assignments
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Compose music that adheres to a specified style or genre, tempo or character that portrays a particular sound or timbre. For various assignments, certain of these parameters will be specified by the student composer to allow for creativity in different ways during the music creation process. 	<ul style="list-style-type: none"> • Specific Mixcraft Assignments (for the purpose of melody, rhythm, harmony, etc) • Teacher made tests and quizzes • Chapter tests and quizzes • Curriculum-based assessments
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Consistently employ a variety of techniques from Modules A and B. • Demonstrate the ability to collaborate with other students, sharing and receiving invaluable ideas about each others’ compositions. 	<ul style="list-style-type: none"> • Standardized tests • Demonstrations • Performance assessments • Portfolios • Research papers • Essays
9.1.12.A: Know and use the elements and principles of each art form to create works in the arts and humanities.	<ul style="list-style-type: none"> • Discuss the “digital” and “technical” compositional elements of a composition orally and in writing, make connections, and draw conclusions about the “notational” reality that enables live musicians to comprehend “the music” within a given composition. Be able to answer the question of whether a composition could be performed “live,” “acoustically,” “digitally,” or some combination thereof. 	<ul style="list-style-type: none"> • Oral presentations • Multi-media presentations

Adaptations/Modifications for Students with I.E.P.s

Adaptations or modifications to this planned course will allow exceptional students to earn credits toward graduation or develop skills necessary to make a transition from the school environment to community life and employment. The I.E.P. team has determined that modifications to this planned course will meet the student's I.E.P. needs.

Adaptations/Modifications may include but are not limited to:

INSTRUCTION CONTENT

- Modification of instructional content and/or instructional approaches
- Modification or deletion of some of the essential elements

SETTING

- Preferential seating

METHODS

- Additional clarification of content
- Occasional need for one to one instruction
- Minor adjustments or pacing according to the student's rate of mastery
- Written work is difficult, use verbal/oral approaches
- Modifications of assignments/testing
- Reasonable extensions of time for task/project completion
- Assignment sheet/notebook
- Modified/adjusted mastery rates
- Modified/adjusted grading criteria
- Retesting opportunities

MATERIALS

- Supplemental texts and materials
- Large print materials for visually impaired students
- Outlines and/or study sheets
- Carbonless notebook paper
- Manipulative learning materials
- Alternatives to writing (tape recorder/calculator)