



SPRING GROVE AREA SCHOOL DISTRICT

PLANNED COURSE OVERVIEW



<b>Course Title:</b> Introduction to Music Technology <b>Grade Level(s):</b> 9-12 <b>Units of Credit:</b> .25 <b>Classification:</b> Elective	<b>Length of Course:</b> 15 cycles <b>Periods Per Cycle:</b> 3 <b>Length of Period:</b> 43 minutes <b>Total Instructional Time:</b> 32.25 hours
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***Course Description***

Introduction to Music Technology is designed to introduce students to the many applications of technology in music. Students will cover various topics ranging from midi, sampling, and music notation to sound recording. The majority of the course will involve computer the use of technology and music software.

***Instructional Strategies, Learning Practices, Activities, and Experiences***

Critical Thinking  
Guided Practice  
Bell Ringers  
Class Discussion

Flexible Groups  
Best Practices Strategies  
Posted Objectives and Agendas

Teacher Demonstration  
Classroom Projects  
Writing Prompts

***Assessments***

Writing Prompts

Projects

***Materials/Resources***

Music Notation Software

Sound Recording Software

Sound Recording Equipment

**Adopted:** 10/2004

**Revised:** 6/20/11; 5/15/2017

CONTENT/KEY CONCEPTS	OBJECTIVES/STANDARDS
<p>Music Notation -</p> <p>How to notate music with notation software</p> <ul style="list-style-type: none"> <li>• Midi</li> </ul>	<p>The student will be able to notate and manipulate music with a notation program.</p> <p><b>9.1.9.A</b> Know and use the elements and principles of each art form to create works in the arts and humanities.</p> <p><b>9.1.9.B</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><b>9.1.9.D</b> Demonstrate specific styles in combination through the production or performance of a unique work of art (e.g., a dance composition that combines jazz dance and African dance).</p> <p><b>9.1.9.E</b> Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.</p> <p><b>9.1.9.H</b> Incorporate the effective and safe use of materials, equipment, and tools into the production of works in the arts at work and performance spaces.</p> <p><b>9.1.9.J</b> Analyze and evaluate the use of traditional and contemporary technologies for producing, performing, and exhibiting works in the arts or the works of others.</p> <p><b>9.1.10.A</b> Know and use the elements and principles of each art form to create works in the arts and humanities.</p> <p><b>9.1.10.B</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><b>9.1.10.D</b> Demonstrate specific styles in combination through the production or performance of a unique work of art (e.g., a dance composition that combines jazz dance and African dance).</p> <p><b>9.1.10.E</b> Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.</p> <p><b>9.1.10.H</b> Incorporate the effective and safe use of materials, equipment, and tools into the production of works in the arts at work and performance spaces.</p> <p><b>9.1.10.J</b> Analyze and evaluate the use of traditional and contemporary technologies for producing, performing, and exhibiting works in the arts or the works of others.</p> <p><b>9.1.11.A</b> Know and use the elements and principles of each art form to create works in the arts and humanities.</p> <p><b>9.1.11.B</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><b>9.1.11.D</b> Demonstrate specific styles in combination through the production or performance of a unique work of art (e.g., a dance composition that combines jazz dance and African dance).</p> <p><b>9.1.11.E</b> Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.</p> <p><b>9.1.11.H</b> Incorporate the effective and safe use of materials, equipment, and tools into the production of works in the arts at work and performance spaces.</p>

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Music Notation (continued)	<p>9.1.11.J Analyze and evaluate the use of traditional and contemporary technologies for producing, performing, and exhibiting works in the arts or the works of others.</p> <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> <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.D Demonstrate specific styles in combination through the production or performance of a unique work of art (e.g., a dance composition that combines jazz dance and African dance).</p> <p>9.1.12.E Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.</p> <p>9.1.12.H Incorporate the effective and safe use of materials, equipment, and tools into the production of works in the arts at work and performance spaces.</p> <p>9.1.12.J Analyze and evaluate the use of traditional and contemporary technologies for producing, performing, and exhibiting works in the arts or the works of others.</p> <p>9.3.9-12.A Explain and apply the critical examination processes of works in the arts and humanities.</p>

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<p>Sound –</p> <p>Loops</p> <p>How do effects change sound waves?</p>	<p>The student will be able to create sound loops from sound samples.</p> <p>The student will be able to describe how sound is created and how effects change sound waves.</p> <p><b>9.1.9.A</b> Know and use the elements and principles of each art form to create works in the arts and humanities.</p> <p><b>9.1.9.B</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><b>9.1.9.D</b> Demonstrate specific styles in combination through the production or performance of a unique work of art (e.g., a dance composition that combines jazz dance and African dance).</p> <p><b>9.1.9.E</b> Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.</p> <p><b>9.1.9.H</b> Incorporate the effective and safe use of materials, equipment, and tools into the production of works in the arts at work and performance spaces.</p> <p><b>9.1.9.J</b> Analyze and evaluate the use of traditional and contemporary technologies for producing, performing, and exhibiting works in the arts or the works of others.</p> <p><b>9.1.10.A</b> Know and use the elements and principles of each art form to create works in the arts and humanities.</p> <p><b>9.1.10.B</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><b>9.1.10.D</b> Demonstrate specific styles in combination through the production or performance of a unique work of art (e.g., a dance composition that combines jazz dance and African dance).</p> <p><b>9.1.10.E</b> Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.</p> <p><b>9.1.10.H</b> Incorporate the effective and safe use of materials, equipment, and tools into the production of works in the arts at work and performance spaces.</p> <p><b>9.1.10.J</b> Analyze and evaluate the use of traditional and contemporary technologies for producing, performing, and exhibiting works in the arts or the works of others.</p> <p><b>9.1.11.A</b> Know and use the elements and principles of each art form to create works in the arts and humanities.</p> <p><b>9.1.11.B</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><b>9.1.11.D</b> Demonstrate specific styles in combination through the production or performance of a unique work of art (e.g., a dance composition that combines jazz dance and African dance).</p> <p><b>9.1.11.E</b> Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.</p> <p><b>9.1.11.H</b> Incorporate the effective and safe use of materials, equipment, and tools into the production of works in the arts at work and performance spaces.</p>

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<p>Sound (continued)</p>	<p>9.1.11.J Analyze and evaluate the use of traditional and contemporary technologies for producing, performing, and exhibiting works in the arts or the works of others.</p> <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> <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.D Demonstrate specific styles in combination through the production or performance of a unique work of art (e.g., a dance composition that combines jazz dance and African dance).</p> <p>9.1.12.E Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.</p> <p>9.1.12.H Incorporate the effective and safe use of materials, equipment, and tools into the production of works in the arts at work and performance spaces.</p> <p>9.1.12.J Analyze and evaluate the use of traditional and contemporary technologies for producing, performing, and exhibiting works in the arts or the works of others.</p> <p>9.3.9-12.A Explain and apply the critical examination processes of works in the arts and humanities.</p>

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<p>Sound Editing</p>	<p>The student will be able to edit and combine wave files with a sound manipulating program.</p> <p>The student will understand how to use sound editing programs.</p> <p><b>9.1.9.A</b> Know and use the elements and principles of each art form to create works in the arts and humanities.  <b>9.1.9.B</b> Recognize, know, use, and demonstrate a variety of appropriate arts elements and principles to produce, review, and revise original works in the arts.  <b>9.1.9.D</b> Demonstrate specific styles in combination through the production or performance of a unique work of art (e.g., a dance composition that combines jazz dance and African dance).  <b>9.1.9.E</b> Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.  <b>9.1.9.H</b> Incorporate the effective and safe use of materials, equipment, and tools into the production of works in the arts at work and performance spaces.  <b>9.1.9.J</b> Analyze and evaluate the use of traditional and contemporary technologies for producing, performing, and exhibiting works in the arts or the works of others.  <b>9.1.10.A</b> Know and use the elements and principles of each art form to create works in the arts and humanities.  <b>9.1.10.B</b> Recognize, know, use, and demonstrate a variety of appropriate arts elements and principles to produce, review, and revise original works in the arts.  <b>9.1.10.D</b> Demonstrate specific styles in combination through the production or performance of a unique work of art (e.g., a dance composition that combines jazz dance and African dance).  <b>9.1.10.E</b> Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.  <b>9.1.10.H</b> Incorporate the effective and safe use of materials, equipment, and tools into the production of works in the arts at work and performance spaces.  <b>9.1.10.J</b> Analyze and evaluate the use of traditional and contemporary technologies for producing, performing, and exhibiting works in the arts or the works of others.  <b>9.1.11.A</b> Know and use the elements and principles of each art form to create works in the arts and humanities.  <b>9.1.11.B</b> Recognize, know, use, and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.  <b>9.1.11.D</b> Demonstrate specific styles in combination through the production or performance of a unique work of art (e.g., a dance composition that combines jazz dance and African dance).  <b>9.1.11.E</b> Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.  <b>9.1.11.H</b> Incorporate the effective and safe use of materials, equipment, and tools into the production of works in the arts at work and performance spaces.</p>

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<p>Sound Editing (continued)</p>	<p>9.1.11.J Analyze and evaluate the use of traditional and contemporary technologies for producing, performing, and exhibiting works in the arts or the works of others.</p> <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> <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.D Demonstrate specific styles in combination through the production or performance of a unique work of art (e.g., a dance composition that combines jazz dance and African dance).</p> <p>9.1.12.E Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.</p> <p>9.1.12.H Incorporate the effective and safe use of materials, equipment, and tools into the production of works in the arts at work and performance spaces.</p> <p>9.1.12.J Analyze and evaluate the use of traditional and contemporary technologies for producing, performing, and exhibiting works in the arts or the works of others.</p> <p>9.3.9-12.A Explain and apply the critical examination processes of works in the arts and humanities.</p>

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<p>Sound Recording - Mic Techniques Sound Levels Recording Equipment and Technology</p>	<p>The student will be able to properly manage sound recording and amplification.</p> <p><b>9.1.9.A</b> Know and use the elements and principles of each art form to create works in the arts and humanities.  <b>9.1.9.B</b> Recognize, know, use, and demonstrate a variety of appropriate arts elements and principles to produce, review, and revise original works in the arts.  <b>9.1.9.D</b> Demonstrate specific styles in combination through the production or performance of a unique work of art (e.g., a dance composition that combines jazz dance and African dance).  <b>9.1.9.E</b> Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.  <b>9.1.9.H</b> Incorporate the effective and safe use of materials, equipment, and tools into the production of works in the arts at work and performance spaces.  <b>9.1.9.J</b> Analyze and evaluate the use of traditional and contemporary technologies for producing, performing, and exhibiting works in the arts or the works of others.  <b>9.1.10.A</b> Know and use the elements and principles of each art form to create works in the arts and humanities.  <b>9.1.10.B</b> Recognize, know, use, and demonstrate a variety of appropriate arts elements and principles to produce, review, and revise original works in the arts.  <b>9.1.10.D</b> Demonstrate specific styles in combination through the production or performance of a unique work of art (e.g., a dance composition that combines jazz dance and African dance).  <b>9.1.10.E</b> Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.  <b>9.1.10.H</b> Incorporate the effective and safe use of materials, equipment, and tools into the production of works in the arts at work and performance spaces.  <b>9.1.10.J</b> Analyze and evaluate the use of traditional and contemporary technologies for producing, performing, and exhibiting works in the arts or the works of others.  <b>9.1.11.A</b> Know and use the elements and principles of each art form to create works in the arts and humanities.  <b>9.1.11.B</b> Recognize, know, use, and demonstrate a variety of appropriate arts elements and principles to produce, review, and revise original works in the arts.  <b>9.1.11.D</b> Demonstrate specific styles in combination through the production or performance of a unique work of art (e.g., a dance composition that combines jazz dance and African dance).  <b>9.1.11.E</b> Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.</p>



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