



Life Skills

(Enter the name of the class here)



What do you see?



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Created by: Kevin Middleton

- *Class created: 4/18/17*
- We hear about how music can affect the body or brain, but how does it really work?
- This class focuses on the science of music, and the magical effect it has on the body.
- How effective was this class? (After the fact)

What is magic? What is music?

Kids will be learning the science of sound, how music works, and ultimately how it affects humans.

Week1: How does sound work? How do instruments function?

Week2: How does music affect us as humans?

Week3: What is the quickening art?

Week4:

Week5:

Week6:

Utah Core Standard Connection

What core standards can you connect with?
Really, what practical skills and experiences will
they receive through your class?

<http://www.uen.org/core/>

Grant Outcomes

Academic Success

Music/Performance, Physics

https://educationendowmentfoundation.org.uk/public/files/Publications/EEF_Lit_Review_Non-CognitiveSkills.pdf

Non-Cognitive Success

Self-Awareness,

Class Structure

Week #1:

- The Science of Sound
- How do different instruments work?

Week #2:

- Scientific research of the effect of music on humans.

Week #3:

- Alive Inside

Week #4:

-

Week #5:

-

Week #6:

-

Vocabulary

Badinerie

Badinerie (French: teasing), indicates a piece of music of light-hearted character. The best known badinerie is the lively last movement of Bach's Suite in B minor for flute, strings and continuo.

Cadenza

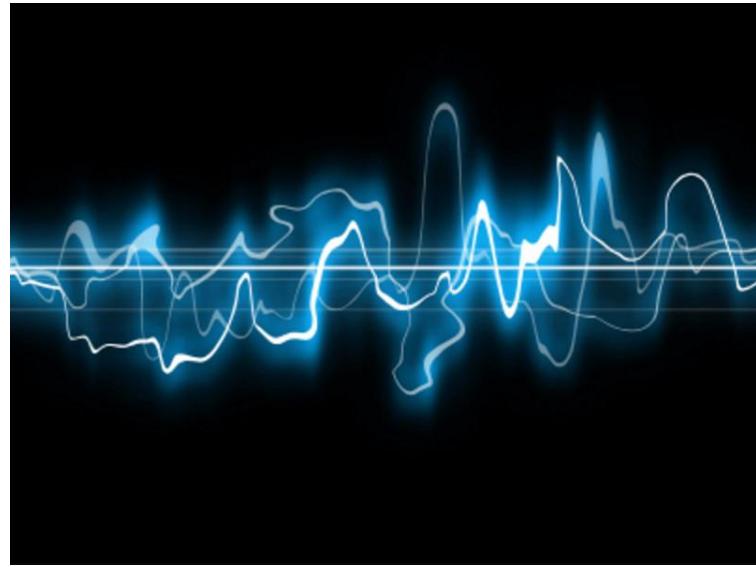
A cadenza, based often on an extended and embellished final cadence, at least in classical concertos, is a passage originally improvised by a performer in which virtuoso ability might be shown. Cadenzas are now more often written by the composer, although some modern performers continue to improvise. In classical concertos the cadenza often leads to the last section of a movement.

Decrescendo

Decrescendo (Italian: growing less) is used as a direction to performers, meaning becoming softer.

Etude

An *Etude* is a study, intended originally for the technical practice of the player. Chopin, Liszt, and later composers elevated the tude into a significant piece of music, no mere exercise.



Week 1: The science of sound

<http://www.mediacollege.com/audio/01/sound-waves.html>

<https://www.hearinglink.org/your-hearing/how-the-ear-works/>

<http://web.mit.edu/2.972/www/reports/violin/violin.html>

<http://newt.phys.unsw.edu.au/~jw/guitarintro.html>

Enter photo here

Creative Challenge:

(Write one challenge for the week/class here. Duplicate this slide for each class or week. Identify ONE

challenge for each class or week)



Week 2: How music affects us

<https://mic.com/articles/133981/7-ways-music-affects-the-body-here-s-how-science-says-sound-moves-us#.7kkBubYMX>

<https://bebrainfit.com/music-affects-brain/>

<http://www.consciouslifestylemag.com/music-and-the-brain-affects-mood/>



Enter photo here

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challenge for each class or week)



Week 3



Week #1: *(Enter title of project for Week #1 here. Duplicate this slide for each class or week.)*

Adjust the Class Structure slide accordingly)

(Add photo or video clip here)

(enter definitions here)





Enter photo here

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(Write one challenge for the week/class here. Duplicate this slide for each class or week. Identify ONE

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Week #1: *(Enter title of project for Week #1 here. Duplicate this slide for each class or week.)*

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(Add photo or video clip here)

(enter definitions here)





Enter photo here

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Materials & Supplies

- *(enter your class materials and supplies here)*
-

*(Enter photo/videos of student work here.
Duplicate this slide as needed)*

(Enter photo/videos of student work here)

SOL Videos/Activities



Local Connections

Where in the city/valley could you go visit, or connect with to enhance the class?

Global Connections

What cultures and societies does your class hit upon? Global thinking is the way of the future.

Career Connections

What 3 careers could be followed by the lessons learned in your class?

What Power of One ideals does your class connect with? And why is it important to your class?

Diplomacy: the profession, activity, or skill of managing international relations, typically by a country's representatives abroad.

Stewardship: the job of supervising or taking care of something, such as an organization or property.

Curiosity: a strong desire to know or learn something.

Compassion: sympathetic pity and concern for the sufferings or misfortunes of others.

Resilience: the capacity to recover quickly from difficulties; toughness.

Justice: just behavior or treatment.

Creativity: the use of the imagination or original ideas, especially in the production of an artistic work.

Power of One

Pro Tips by Liz Rich

- *(Enter your pro teaching tips here...see examples below)*
- Show video clips at the beginning of each class period
- Take video and photos of the kiddos throughout the class and add it to the presentation.
- Give kiddos a SMALL piece of paper so they can finish the project. As the class continues, gradually increase the size of paper.
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Resources:

- <https://experts.umn.edu/en/publications/the-quickenng-art>
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