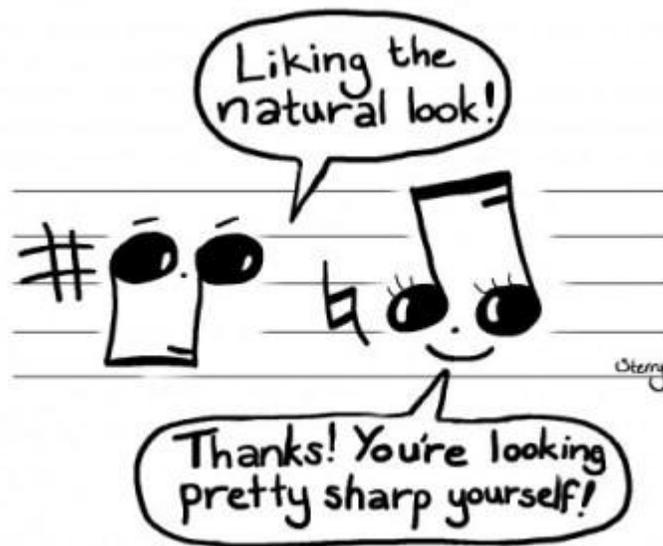


# A Mediated Symphony

Exploring the magic of multimedia in the classroom



*Created by Evan Warner, Emily Wheelband, and Kristen Lawlor  
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# “A Mediated Symphony” Lesson Plan



## Purpose

- The purpose of this lesson is to introduce the *Scorecleaner Notes* software to our colleagues, and inspire them to welcome the use of multimedia into their practice teaching and future classrooms. *Scorecleaner Notes* is an automated way of creating musical notation from live audio recordings. This lesson has been designed to allow individuals to explore the hands on benefits of using multimedia in a classroom. It promotes the exercise of student’s creative abilities, while nurturing the importance of providing differentiation and technology education for students.

## Outcomes

- **Aesthetic Expression:** Use various art forms as a means of expressing and formulating ideas, perceptions and feelings. Demonstrate an understanding of the arts’ contribution to daily life, cultural identity, diversity, and the economy. Demonstrate an understanding of the ideas, feelings and perceptions of others as expressed in various art forms
- **Communication:** Critically reflect on and interpret ideas presented through a variety of media.
- **Technological Competence:** Locate, evaluate, adapt, create and share information using a variety of sources and technology. Demonstrate, understand, and use existing and developing technologies

## Lesson Instructions

- **Setup Instructions (Pre-lesson)**
  1. Install Scorecleaner Notes (<http://goo.gl/IWDbHc>) from the iOS app store on your iPhone or iPad. (99¢)
  2. Open Scorecleaner Notes
  3. Register for Scorecleaner Cloud Account from within the App.
  4. Make sure Garageband is installed on all computers.
  5. Within Garageband, open the software instruments panel (click the small “I” button in the very bottom right of the window) and click the small gray arrow of missing instruments to download them from the app store for free.

- **Overview (5 Minutes)**

1. Show example soundscape before and after and give a basic glimpse of what is possible

- **Outdoor Instructions (10mins)**

1. Split class up into groups (5)
2. Each group goes out into to their environment and spends several minutes listening to the soundscape around them.
3. Collaboratively, groups mimic, repeat, interpret or otherwise come up with a 10-20 second piece that they can humm or sing. (Whistling is harder)
4. Open Scorecleaner Notes iOS app
5. Press record and perform your soundscape.Press stop when done.
6. Allow Scorescleaner Notes to analyse your recording. Press the play to hear your score with a basic piano.

- **Classroom stage (10 mins)**

1. Log into Scorecleaner Cloud in your web browser on your Mac.  
(<http://cloud.scorecleaner.com/login>)
2. All soundscapes you have recorded on your iOS device will be listed on the main dashboard.
3. Click on the soundscape you wish to use.
4. Click on the “download” tab at the bottom of the screen.
5. Choose to download the song as “midi”.
6. The midi file (which has a very long filename including dozens of letters and number) ends in “.midi” and will download to your downloads folder.
7. Open Garageband (located in your Mac’s application folder or in the Launchpad)
8. Choose “New Project” from the options on the top left of the garageband window. Then click “choose” on the bottom right.
9. An empty Garageband project will open.
10. Go back to your “downloads” folder and locate the midi file you downloaded. Click and drag the midi file into the main garageband window until the cursor turn into a green circle with a plus sign in the middle, then let go.
11. Drag the playhead indicator (small triangle with vertical red line) to the start of the project.
12. Press space bar to listen to your recording with the default software piano.
13. To change the software instrument, click the small “I” button in the very bottom right of the window to reveal the software instrument panel. In the panel just to the right of the main track panel, click on an instrument category and then a specific instrument to change it.
14. Press spacebar to preview your composition with your new instrument.

15. Time permitting, experiment by mixing different tracks together using different instruments and use the advanced options of garageband to give your soundscape or song a unique feel.
16. When done, go to the Share Menu > Export Song to Disc.

- **Presentation & Assessment (5 mins)**
  1. Present each groups soundscape.
  2. Share positives and suggestions.

## Materials

- iPhones or iPads
- Mac Computers

## Software Links:

SoundCleaner Notes	iOS	\$0.99	<a href="http://scorecleaner.com/more-info/scorecleaner-notes/">http://scorecleaner.com/more-info/scorecleaner-notes/</a>
Garageband	OSX	Free	<a href="https://itunes.apple.com/ca/app/garageband/id408980954?mt=12">https://itunes.apple.com/ca/app/garageband/id408980954?mt=12</a>
Anvil Studio*	Windows	Free	<a href="http://www.anvilstudio.com">http://www.anvilstudio.com</a>
Aria Maestosa*	OSX, Windows & Linux	Free	<a href="http://sourceforge.net/projects/ariamaestosa/?source=directory">http://sourceforge.net/projects/ariamaestosa/?source=directory</a>

*\*Not tested but should work.*