

OBA “ In It Together!” Series Session 2

Band and Tech, What the Heck? | June 3, 2020 | 3:00 – 5:00 PM | with Andrew Mercer

Andrew Mercer’s Bio:

For over 20 years Andrew Mercer has been a pioneer in online music education. Since 2002 he has been teaching music to public school students throughout Newfoundland and Labrador entirely over the Internet.

Andrew can always be found at the forefront of cutting edge technologies. Much of Andrew’s innovative work in technology and music education has been featured in numerous publications and media sources such as Canadian Music Educator, Popular Science, The Wall Street Journal, The Globe & Mail, CNN, Nippon TV and his educational YouTube channel has over 5.5 million views. Andrew has also had the opportunity to share his work at national and international conferences and symposia including the ISME Conference, TEDx, MTNA National Conference, NAMM and MENC.

Whether it is blockchain technologies or the latest virtual reality platforms, Andrew can be found exploring ways to offer students new and exciting learning opportunities and environments.

**Contact info: andrewmercer@nlesd.ca
Facebook, Twitter and YouTube**

Resources (in order of Zoom video recording)

Tool/Resource	Web link	Notes
Planning for Your Choir	https://drive.google.com/file/d/11rX2muurY8QYz9FsVdqhZw4PU08FE2zh/view	
How to set Zoom to original sound	https://www.youtube.com/watch?v=tbMMsBW5Taw	
OBS Studio	https://obsproject.com/	Use OBS Studio for multi-camera use.

<p>Basic tech equipment</p> <ul style="list-style-type: none"> ● Logitech camera ● Microphones <ul style="list-style-type: none"> ○ Plantronics (usb) ○ Blue or Blue Yeti (usb) ○ Box audio interface 	<p>www.logitech.com</p> <p>https://www.poly.com/ca/en</p> <p>https://www.bluedesigns.com/products/yeti/</p> <p>https://www.bhphotovideo.com/explora/pro-audio/buying-guide/audio-interfaces</p>	<p>Recommended basic tech equipment for better quality video and audio experience.</p>
<p>Test out your internet speed</p>	<p>www.speedtest.net</p>	<p>Try this before each of your classes and find your best spot to teach with better internet speed.</p>
<p>Google Meet</p> <ul style="list-style-type: none"> ● Try Google Meet extensions - Page Marker, Nod, Attendance ● Setting controls for better video 	<p>https://chrome.google.com/webstore/detail/page-marker/jfiihjeimjpkpoaekpdpillpaeichkiold?hl=en</p> <p>https://chrome.google.com/webstore/detail/nod-reactions-for-google/oikgofeboedgfkacpfepbfmgdalabej?hl=en</p> <p>https://chrome.google.com/webstore/detail/meet-attendance/nenibigflkdikhamlnekfpbbganmojlg?hl=en</p>	<p>On Google Meet select the “3 dots” in the bottom left corner then “settings”. Change both “sending” and “receiving” resolution from 360 default to 720 for better quality video</p>
<p>Jamulus</p>	<p>http://lcon.sourceforge.net/</p>	<p>Open source real-time music-making with only 22 millisecond lag, compared to Google Meet 72 millisecond lag.</p>
<p>Duet Display</p>	<p>https://www.duetdisplay.com</p>	<p>Use Duet Display to install multiple screens for your computer</p>
<p>Screencastify</p>	<p>https://www.screencastify.com/</p>	<p>Explore another classroom tool</p>

		(A Chrome extension mentioned by someone in the chat during the session)
Movavi video editing	https://www.movavi.com/	Video editing for Microsoft (mentioned by someone in the chat during the session)
Audacity	https://www.audacityteam.org/ https://www.youtube.com/playlist?list=PL2B8A3178C78BA9CB	Create click-tracks and audio recordings for up to 16 tracks on Audacity (open-source) Watch Andrew's videos on how to use Audacity for your class on YouTube
SoundBible	http://soundbible.com/	Project idea for grades 7 and up. Sound effects and soundscape.
MusicPlayOnline	https://musicplayonline.com/	By fellow teacher Denise Gagne
Cell phone mic for recordings		Use wind sock/nylons to cover mic of cell phone for clearer recordings Placement of cellphone also affects sound. For example for your trumpet player to place the cell phone on the other side of the room (15 to 20 ft away ideally).
Incredibox	https://www.incredibox.com/	"Music app that lets you create your own music with the help of a merry crew of beatboxers. Choose your musical style among 7 impressive atmospheres and start to lay down, record and share your mix." You students are not playing alone and are accompanied by a back beat.

Music Ace Maestro	https://www.harmonicvision.com/mafact.htm	Highly recommended resource for music theory.
From Session #2 Zoom video recording	www.onband.com/inittgether	At 1:52 to the end on Zoom recording video, Andrew gives us his recommendation on what to plan and when to plan your curriculum.