

OCT 17, 2024

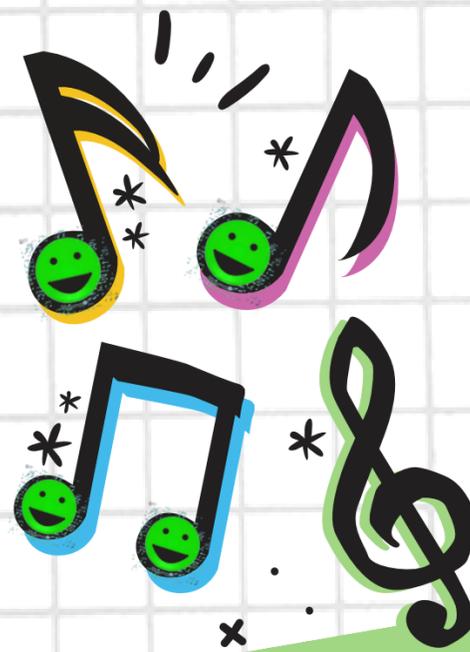
BAND & TECHNOLOGY IN HARMONY

NYSBDA - ECMEA REGION 1 WORKSHOP DAY

JOHN BLICKWEDEHL



CANVA



PLEASE USE YOUR DEVICE

PDF FILE



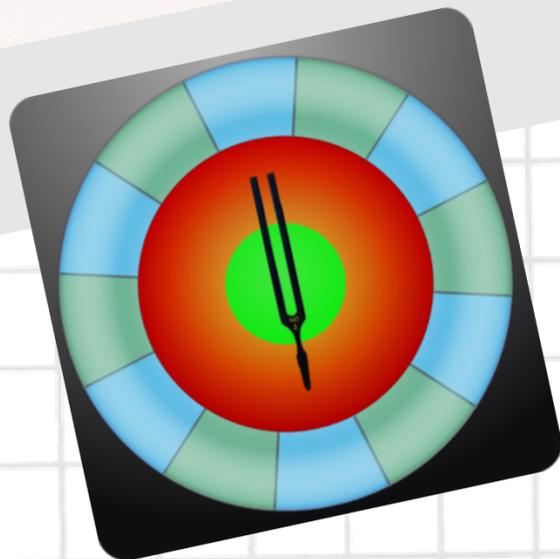
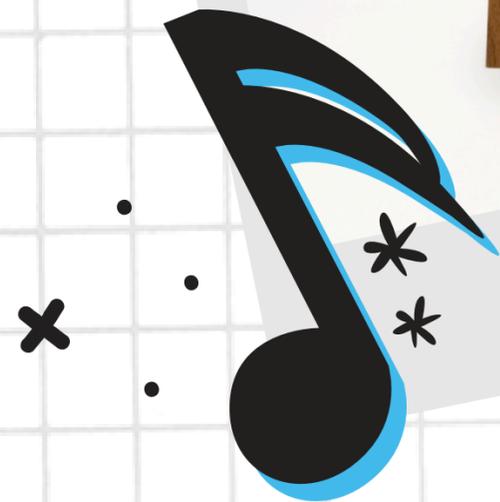
GOOGLE SLIDE



TONAL ENERGY

IT'S A REALLY NICE TUNER
AND A METRONOME...

BUT ALSO SO MUCH MORE!!



TUNER



AM I IN TUNE?

EQUAL

OR

JUST?

CHORDS OF
JUST
INTONATION

Chords of Just Intonation
All chords are based on root "C" which is "0" pitch.
+ or - is cents rounded to nearest whole number

Chord	Cents
Maj	+14
min	+16
dim	+14
Aug	-14
Maj w/ add 6	-14
min w/ add 6	+16
dim w/ add b6	-14
dom 7	-14

DRONES/ SOUND

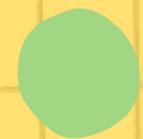
WHEEL OR KEYBOARD?
EQUAL OR JUST? OR...



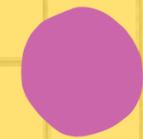


EQUAL V. JUST

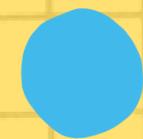
TUNING



WHEN IS WHICH APPROPRIATE?



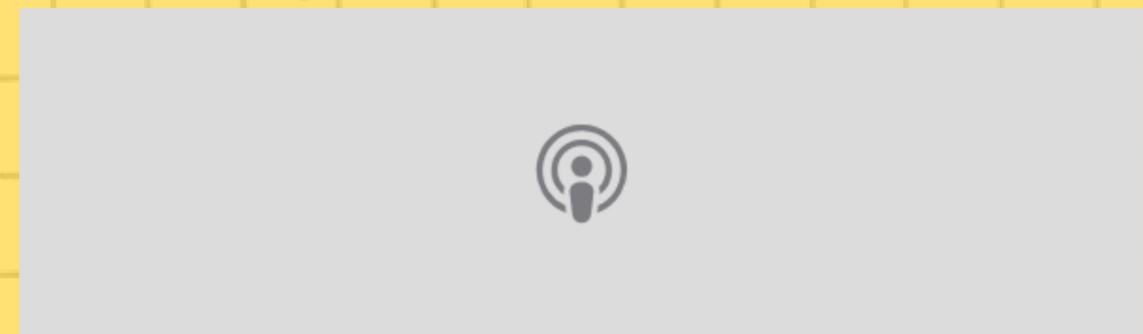
**ACTIVE OR PASSIVE - ANY LEVEL EXAMPLE:
TRUMPET LOW D FINGERING**



**IF WE MODEL GOOD SOUNDS FOR OUR STUDENTS,
SHOULD WE NOT ALSO MODEL GOOD INTONATION?**



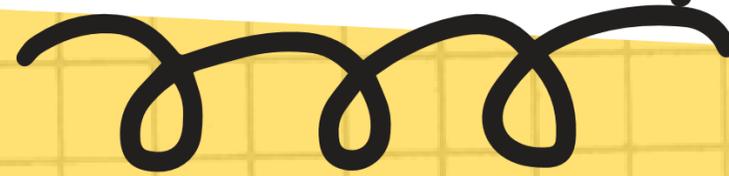
PASSIVE EXPERIMENT



**SONG OF HOPE
BACKING TRACKS USED
BLUECOATS MEAN TONE CONCEPT**

**BLUECOATS BRASS PODCAST
BOB HIGGINS, ENGINEER, BASS
TROMBONIST & BRASS GURU**

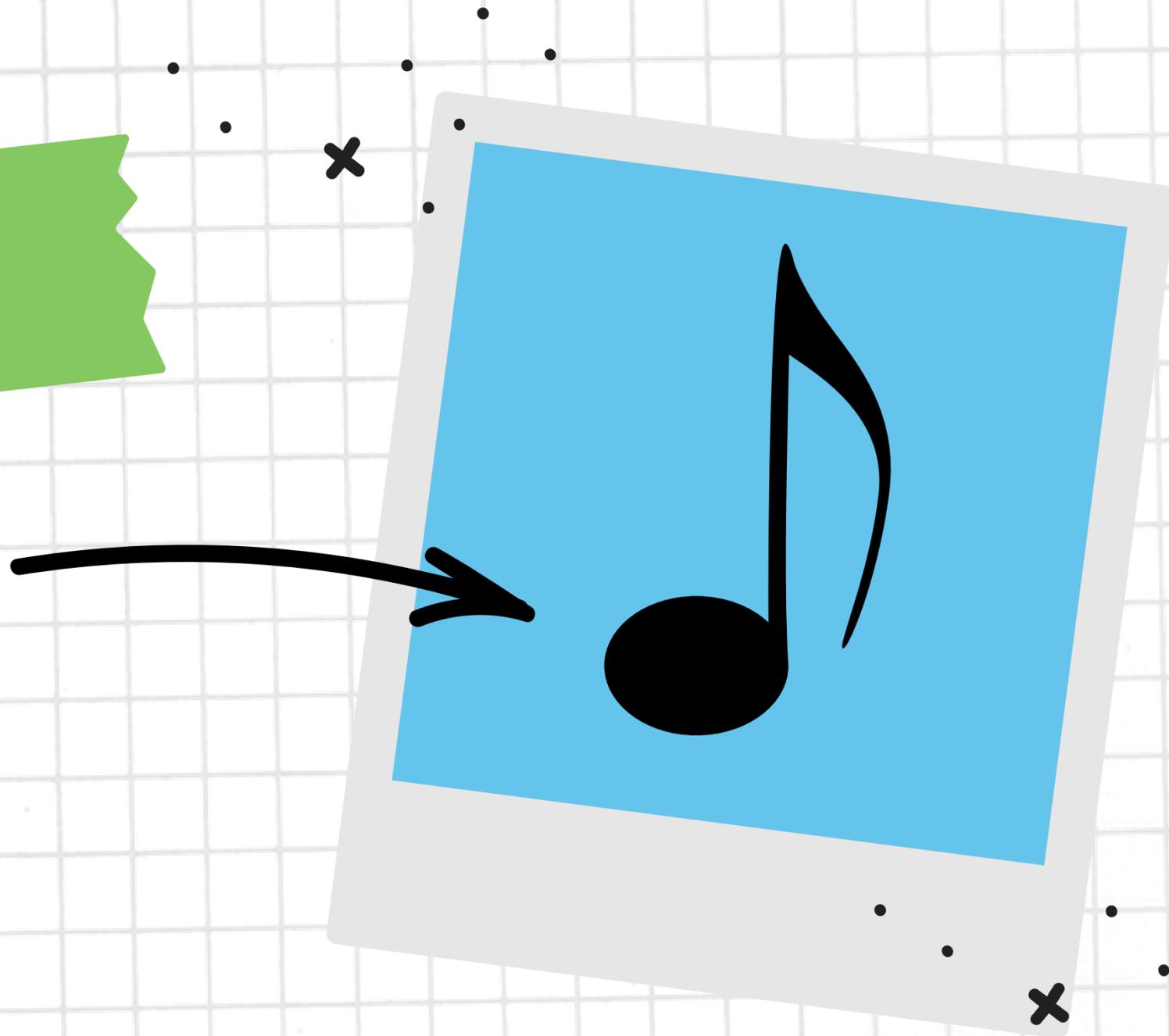
MAKE A LESS MONEY * HARMONY DIRECTOR



- TE DESKTOP APP
- MIDI OR USB KEYBOARD
- CABLES/ SPEAKERS

METRONOME

- SOUNDS
- MET ASSISTANT
- PROGRAMMING
- PROGRAMMING WITH DRONES



~~ANALYSIS~~



- SPECTRAL- TONE V NOISE
- HARMONIC- HOW VIBRANT?
- WAVEFORM- ARTIC. SHAPE DYNAMICS
- PITCH- OVER TIME

TE STUFF



YOUTUBE VIDEOS

LINK TO APPLE APP

LINK TO GOOGLE PLAY

**USE PROMO CODE TECLINIC24 DURING
CHECKOUT FOR A 35% OFF DISCOUNT ON THE
DESKTOP APP THROUGH OCTOBER.**



- **70-80% ASSIGNMENTS - ESPECIALLY WITH CHEAPER CHROMEBOOK MICROPHONES**
- **MAKE MUSIC CATALOG**
- **MAKEUP LESSON CREDIT - CAN SEE TIME SPENT**



MUSECLASS



- NEW SMARTMUSIC RIVAL
- FREE THIS YEAR
- USES PHONE/ TABLETS = BETTER MICROPHONES USUALLY





SIGHT READING FACTORY

- **INCORPORATE A FEW MINUTES
A WEEK**
- **TARGET SPECIFIC THINGS**
- **PUSH OUT TO STUDENTS**

**TRIAL LINK - FREE INCLUDES STUDENT
SUBSCRIPTIONS THRU DEC 15**

THANK YOU AARON STAEBELL - ASTAEBELL@HALLEONARD.COM

AND THAT'S A WRAP.
THANK YOU!



THANK YOU MEAGHEN VENITELLI, RICH SHANAHAN AND NYSBDA REGION 1

Links Page:

Chords of Just Intonation

<https://www.scsboa.org/wp-content/uploads/Chords-Just-Intonation.pdf>

Song of Hope Virtual Band

<https://www.youtube.com/watch?si=a0BOQOelgbaerHoe&v=qf0GvIRBn8E&feature=youtu.be>

Bluecoats Brass Podcast - Tuning Discussion

<https://podcasts.apple.com/us/podcast/3-our-approach-to-intonation-bmt/id1498480584?i=1000469202208>

Sight Reading Factory - Trial

<https://www.sightreadingfactory.com/halleonard>

Tonal Energy Links Page

<https://www.tonalenergy.com/te-mobile>

Chris Grifa YouTube Channel

https://youtube.com/@cgrifa00?si=1dhEa_TmzNK4x6WA