

COLORADO BANDMASTERS ASSOCIATION

Making Life Easier

Using Google (and other apps) in the Band Classroom

Summer Convention – Technology Session

Friday, July 17th, 2015 – 1:15-1:45 p.m.

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Welcome to our session! We've got only thirty minutes, so we are going to breeze through a lot of things. This will feel like a whirlwind, but with your help, we can make it meaningful for everyone!

Google Apps for Education can be useful for data collection, sharing, retrieval, archiving, assessment, organization, and so many other purposes, it's incredible. It'll save you TIME and TEARS! :)

The Colorado Department of Education's **State Model Evaluation System for Teachers** can be met with some fear, but if you do everything **DIGITALLY** and "In The Cloud," and can keep a spreadsheet of all your artifacts organized by standard and sub-components of each standard, you could have a link to each artifact which is directly accessible to an administrator through that spreadsheet. You can use class recordings, student feedback, formative and summative assessment data, PDF's of e-mails from parents, JPEG's of "Thank You" cards from a local elementary for performing at a Veteran's Day Ceremony, photos of students performing at a community event - You name it!

1:15 - Welcome and Introductions

1:20 - Demonstrations

1:35 - Q&A and Discussions

1:45 - One-on-One Help and Clarification with Interested Parties

Link to this document:

bit.ly/1RxGw2X

Have a burning question? Confused about something? Please ask here to maintain the flow of the presentation given our short timeframe:

tinyurl.com/CBATechQuestions

URL Shorteners

URL shorteners help to make your links easier to access by eliminating most of the characters to make the web address very short. These are particularly helpful when you have a very complicated web address (such as a Google Doc like this one!) and want to make it easy to access.

URL Shortener	Description / Benefits
bit.ly	Easy to use. Analytics are available in PRO versions.
goo.gl	Easy to use. Analytics are mandatory. Integrated and consistent with Google Apps.
tinyurl.com	Easy to use. Analytics are optional. Allows CUSTOM short URL's!!

Initial Survey - “Google Apps”

Link to the Survey:

goo.gl/5H0Ws9

Link to the Survey Results:

goo.gl/YfsMHf

Link to the Summary of Responses:

goo.gl/6iuwhe

Google Drive

Google Drive is so much more than a cloud-based storage service. Google Drive integrates Google Docs and many of Google’s other cloud-based services into one place where you can organize your digital life.

You can use Google Drive to organize your instrument inventory, catalogue your music library, store all your MP3’s and digital audio, backup concert videos, and so much more. Additionally, Google Drive allows you to share all of these things and collaborate with students, parents, colleagues, admin, and other stakeholders to make your life easier.

For instance, you could have a student assistant in charge of the music library, who has access to the file. Or you could have a trusted student assistant who has access to your instrument and locker inventory so that you can have some help and relieve you of some of that burden. You could use a Google Sheet, shared with a parent (treasurer, perhaps?) who keeps track of student fines, fees, and “band account” balances.

Google Drive and Google Docs, for all intents and purposes, are commonly referred to as the same thing, but just keep in mind: Google Drive is *where* Google Docs are stored/located.

Check out this impressive list of how Google Docs/Drive can be used: goo.gl/kXGvGw

Have a creative way that you use Google Drive in your teaching?

Share it here: tinyurl.com/CBATechQuestions

Google Forms

Google Forms is a Google App that is part of Google Sheets, Google's version of Excel. Google Forms allows you to input information into a form that is then easily fed into a spreadsheet, or you can share the form with others and have them complete it for a variety of uses. Use Google Forms to collect important information from stakeholders to save you time, save paper, and keep everything organized!

******Warning! Make sure that you have proofread and finalized your form PRIOR to distribution. If you make changes to any items, it could potentially wreak havoc on your results spreadsheet!******

Surveys with INSTANT data.

- Example: *The Survey for THIS SESSION! (See above) ;)*

Taking Attendance Outside of Class

Don't have an official school roster for Pep Band? Another extra-curricular ensemble or activity? Use Forms to create an attendance check-in system.

Student Input on Repertoire Selection.

- Example: *Marching Band Planning Music Analysis*
- *Google Form: goo.gl/cMfNUW*

E-Mail List Sign-Ups

Streamline communication by collecting contact information from stakeholders

- Example: *Westy Bands E-Mail List Sign-Up*
Website: westybands.weebly.com/e-mail-list.html

Marching Band Registration

Collect vital information for your marching band program. Shoe size, uniform assignments, etc.!

- Example: *Westminster HS Marching Band Registration Form (multiple pages)*
Google Form: goo.gl/plReaa

Applications for Various Activities

Use a Google Form to collect Applications for lettering, student leadership positions, participation in extra-curricular ensembles, etc.

- Example: *Westminster HS Marching Band Application (2015)*
Google Form: goo.gl/zLc8mE

Formal Student Surveys on Teacher Effectiveness

Want to solicit valuable feedback from your students in regard to your teaching practices? Want data to show your admin how awesome you are for asking your students for input? Use Google Forms!

- Example: *Student Feedback for Teacher (WHS)*
- Original provided by admin: goo.gl/lyKkAn
- Google Form: goo.gl/fiOLBd

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Informal Student Surveys

Want to collect student feedback? You can have students complete ANONYMOUS surveys (as long as you don't require a login!) to get honest opinions!

- Example: *WHS Jazz Ensemble Survey: Jazz Ensemble II*
- Google Form: goo.gl/au1P57
- Results: goo.gl/aE14jr

Teacher Recommendation Forms

Want honest and discrete feedback about student performance from other teachers? You could try using Google Forms instead! It's paperless, takes less time, and teachers can be honest knowing that the student isn't going to see what they say.

- Example: *Westminster HS Marching Band Teacher Recommendation Form (2015)*
Google Form: goo.gl/FTd5pb

Volunteer Interest Forms

Collect volunteer contact information and interest areas online and share it with your volunteer coordinator, or use the information yourself!

- Example: *Westy Bands Volunteer Page*
westybands.weebly.com/volunteer-opportunities.html

Audition Sign-Up Times

Collect information from students on availability and preferred audition times so that you can better plan your spring band auditions!

- Example: *Schedule Input for Band Auditions (2015)*
Google Form: goo.gl/d9N6As
What the results look like (temporary link - will be deleted after session): goo.gl/ggru9F

External Resource:

- *81 Ways Teachers Can Use Google Forms With Their Students*
goo.gl/cD5GD1

Google Forms and Google Drive in ASSESSMENT

Google Forms and Google Drive can be used as very powerful ways of simplifying and streamlining your assessment process.

Rubrics for Playing Exams

Results go RIGHT into a spreadsheet that only YOU can see, which can't get lost!

- *Example: Renaissance Suite Playing Exam*
Google Form: goo.gl/StjlkX

Concert Reflections

- *Example: December 2014 Concert Reflection*
Google Form: goo.gl/3fYTua

Quizzes/Tests that GRADE THEMSELVES!

- **Flubaroo is a powerful Google Forms Add-On**
www.flubaroo.com
 - Intro Video: goo.gl/2uvWbW
- Other helpful videos (include more information)
 - Automatic assessment of tests using Flubaroo & Google Forms
goo.gl/EgLu7C
 - Google Forms Tutorial Pt. 5 - Creating a Self-Grading Quiz w/ Flubaroo
goo.gl/9wFPqE

Google Drive for assessment.

- Outsourcing Auditions for Objectivity
 - Sharing audition videos with collaborators/adjudicators
 - Giving collaborators/adjudicators a Rubric through FORMS to make scoring more objective

How else could you use Google Drive to assist with assessment?

How do you want to use Google Forms to make your life easier? Do you already use Google Forms extensively and have a use that wasn't shown here?

Please share your ideas with us by filling out the form here: tinyurl.com/CBATechQuestions Once you do that, **THIS** Google Document can be updated with your ideas!

Google Classroom

Google Classroom is a Learning Management System (LMS) which directly syncs to your Google Drive, allowing you to easily collect and assign assignments, projects, playing tests, and other assessments, as well as easily distribute information to your entire class.

The best way to learn how to use Google Classroom is to play around with it! Create a “pilot class” of your most tech-savvy students (maybe section leaders?) who can show you problems that they run into along the way. Through this trial-and-error approach, you can learn the ins-and-outs and how to think one step ahead of potential tech issues.

As always, contact me at mvallez@adams50.org or via cellphone at (801) 448-3237 if you need help!

Intro Video:

goo.gl/ThhBOM

WAYS YOU CAN USE GOOGLE CLASSROOM

- Playing tests with student video (or audio) and feedback/scoring
- Exploratory assignments
 - Submitting photos/videos of music in their lives/communities
- Make class-wide announcements that are pushed to students' e-mail addresses
- Provide static links to resources without having to create a website
- Allow student submissions for written assignments that are tracked
- Create due dates for assignments and have reminders for students when upcoming assignments draw near
- Provide reference recordings for concert repertoire
- Provide attachments such as field trip forms, part assignments, itineraries, etc.
- Automatically distribute files to each student's Google Drive
- Engage in rich discussion on a variety of topics
- Participate in repertoire selection process through writing assignments
- Integrate CMP-based objectives in a streamlined fashion

How else might you use Google Classroom? Feel free to share your ideas!

tinyurl.com/CBATechQuestions

Doctopus, Goobric, and Google Classroom:

goo.gl/Fafgb2

iPAD Apps for the Band Classroom

Name	Description/Use	Cost
Beatwave	Fun instant music-making program	FREE
Better Ears	AMAZING Ear-Training App	\$14.99
Chopin Works	Synced music with score (follow-along)	\$6.99
Clartune	Chromatic Tuner	\$3.99
Dropbox	Cloud-based storage	FREE (Subscription for more storage)
Essential Elements Interactive	Practicing, etc.	FREE (code required)
ForScore	Digital Score Viewing	\$9.99
Garage Band	Digital Music Creation	\$4.99
Google Drive	Cloud-based storage	FREE
Guitar Lessons from Howcast	All of the Howcast guitar videos from YouTube, but in one consolidated app! It's all organized and very easy to use. **Requires YouTube access/permissions**	\$1.99
Guitar Toolkit	Tuner, Chord Diagrams, Scales, Arpeggios, this is great!	\$2.99
iDaft 2	Really fun music exploration through Daft Punk titles	FREE
iReal Pro	GREAT for learning how to solo over chord changes. Tons of styles, keys, and tempi. If you have a jazz ensemble, get this app!	\$12.99
Kahoot!	Not an iPad app. Perfect for "clicker-type" responses with smartphones, etc., and great for trivia games!. getkahoot.com and kahoot.it	FREE
MyRhythm	Fun rhythm game app.	\$1.99
Notate Me	Music Notation, can write with stylus on ipad or iphone (or other tablet) and it will make it digital. You can also scan in music. Single staff free version	\$40.00
Notion	Music notation and playback (really great synth sounds for an iPad app)	\$14.99
NPR Music	Music Discovery	FREE
Piano Maestro	Piano learning and practice tool	FREE
piaScore!	Digital Score Viewing	FREE
Plickers	Class polling (Anonymous or by student) with print-out cards!! www.plickers.com	FREE
Practice+	Tuner, Metronome, Recorder, Looping, etc.	FREE
Rhythm Cat	Rhythm reading for younger students.	FREE

Rhythm Sight Reading Trainer	Music Literacy (Rhythms)	\$2.99
SmartMusic Mobile	SmartMusic - But mobile!	Subscription
Sound Cells	Interactive Music Generation	\$0.99
SoundPrism	Interactive Music Generation	FREE
SPLnFFT Noise Meter	Noise meter (Decibels, etc.). VERY ACCURATE!	\$3.99
SyncScore	Synced music with score (follow-along)	FREE
Tempo	Metronome	\$2.99
Tonal Energy	Tuner, Tone Generator, Frequency Analysis, Metronome.	\$3.99
Tunable	Tuner, Metronome, and Recorder	\$2.99
Urban Play	Developed by <i>Buffet</i> , this is a great practice app!	FREE
Steve Reich's Clapping Music	Steve Reich's "Clapping Music" in an iPhone/iPad app! You can learn how to play the song.	FREE

Have other iPad apps that you're just absolutely in love with?!

Please share! tinyurl.com/CBATechQuestions

Thank you so much for attending today's session. If you have any questions, suggestions, or additions to what was discussed today, please feel free to share. If you need help getting started with Google Apps for Education, please contact me. I'm happy to help, and I could even meet you to help guide you through the process. A big THANK YOU to all who contributed to this session and its contents.

Happy Googling!

All my best,

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