



Technology in the bandroom

**A band director's life made easier through the
use of technology in the classroom.**

Presented by: Brandi and John Kawula

Topics to cover

- GAFE (Google Apps For Education)
- Schoology
- Apps for Formative feedback
- ForScore



Google Calendar

Individual calendars can be shared with students and parents

BPS Instrumental Music

Today ◀ ▶ February 2017 Week Month Agenda

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30 7pm Jazz	31	Feb 1	2	3	4
5	6	7	8	9	10	11
12	13 PTC	14 PTC	15 Compou	16	17 No Scho	18
19	20 No Scho	21 Chromat	22	23 EO 2.1	24 UNO Jazz	25
26	27	28	Mar 1	2	3 End of 3	4

+ Google Calendar

Drive



Docs (Word)

Sheets (Excel)

Slides (PowerPoint)

- Use for bell work or study guides

Sites (website creation)

Forms (Data collection)

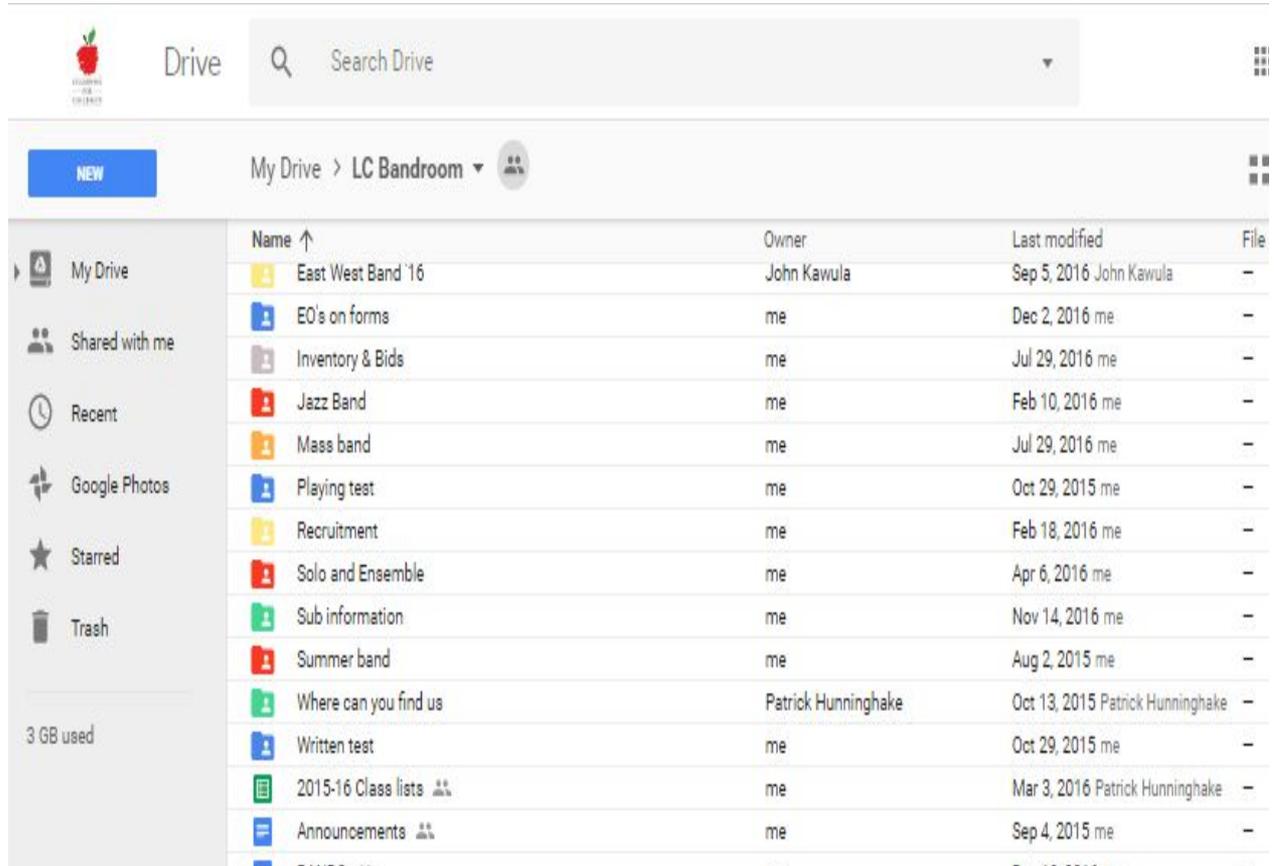
Cloud storage

PROS

- Saves instantly (goodbye to lost work!)
- Share with other collaborators
- Live editing (multiple people can work on the same document)
- Web-based so it can be accessed anywhere
- Unlimited cloud storage (with GAFE)

Drive

- Not scary
- Virtual Windows Explorer or Mac Finder

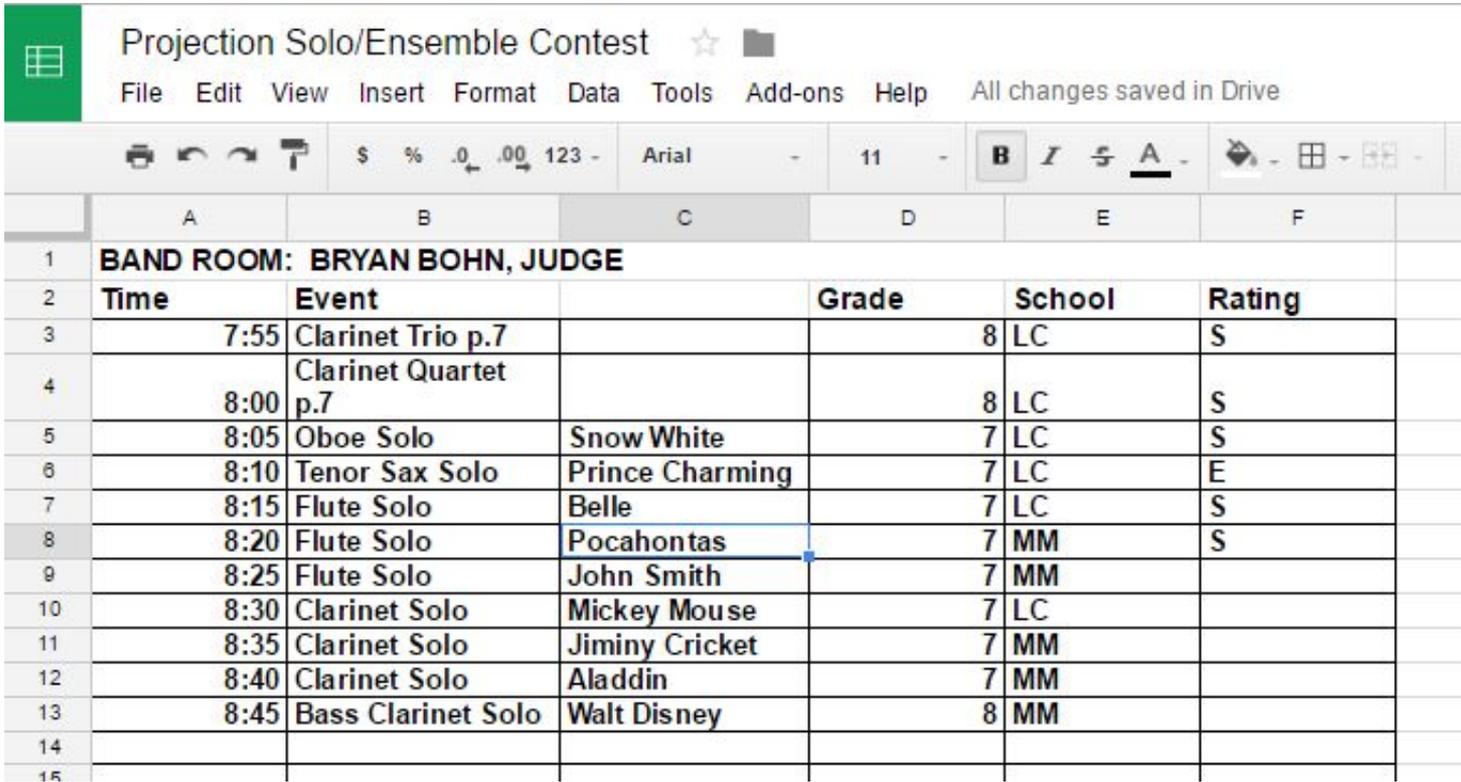


The screenshot shows the Google Drive interface. At the top, there is a search bar labeled 'Search Drive' and a 'Drive' logo. Below the search bar, there is a navigation bar with a 'NEW' button and a breadcrumb path: 'My Drive > LC Bandroom'. The main content area displays a list of files and folders. The left sidebar shows navigation options: 'My Drive', 'Shared with me', 'Recent', 'Google Photos', 'Starred', and 'Trash'. At the bottom of the sidebar, it indicates '3 GB used'.

Name ↑	Owner	Last modified	File
East West Band '16	John Kawula	Sep 5, 2016 John Kawula	-
EO's on forms	me	Dec 2, 2016 me	-
Inventory & Bids	me	Jul 29, 2016 me	-
Jazz Band	me	Feb 10, 2016 me	-
Mass band	me	Jul 29, 2016 me	-
Playing test	me	Oct 29, 2015 me	-
Recruitment	me	Feb 18, 2016 me	-
Solo and Ensemble	me	Apr 6, 2016 me	-
Sub information	me	Nov 14, 2016 me	-
Summer band	me	Aug 2, 2015 me	-
Where can you find us	Patrick Hunninghake	Oct 13, 2015 Patrick Hunninghake	-
Written test	me	Oct 29, 2015 me	-
2015-16 Class lists	me	Mar 3, 2016 Patrick Hunninghake	-
Announcements	me	Sep 4, 2015 me	-

Sheets

Project
judge's
ratings
instantly at
festivals



The screenshot shows a Google Sheet interface. The title bar reads "Projection Solo/Ensemble Contest". The menu bar includes "File", "Edit", "View", "Insert", "Format", "Data", "Tools", "Add-ons", and "Help". The status bar indicates "All changes saved in Drive". The toolbar shows various editing tools like undo, redo, and text formatting options (bold, italic, underline, text color, background color). The spreadsheet grid has columns labeled A through F and rows numbered 1 through 15. Row 1 contains the text "BAND ROOM: BRYAN BOHN, JUDGE". Row 2 contains the headers "Time", "Event", "Grade", "School", and "Rating". Rows 3 through 13 contain data for various musical events, including Clarinet Trio, Clarinet Quartet, Oboe Solo, Tenor Sax Solo, Flute Solo, and Bass Clarinet Solo, with associated grades, schools, and ratings.

	A	B	C	D	E	F
1	BAND ROOM: BRYAN BOHN, JUDGE					
2	Time	Event		Grade	School	Rating
3	7:55	Clarinet Trio p.7		8	LC	S
4	8:00	Clarinet Quartet p.7		8	LC	S
5	8:05	Oboe Solo	Snow White	7	LC	S
6	8:10	Tenor Sax Solo	Prince Charming	7	LC	E
7	8:15	Flute Solo	Belle	7	LC	S
8	8:20	Flute Solo	Pocahontas	7	MM	S
9	8:25	Flute Solo	John Smith	7	MM	
10	8:30	Clarinet Solo	Mickey Mouse	7	LC	
11	8:35	Clarinet Solo	Jiminy Cricket	7	MM	
12	8:40	Clarinet Solo	Aladdin	7	MM	
13	8:45	Bass Clarinet Solo	Walt Disney	8	MM	
14						
15						

Forms

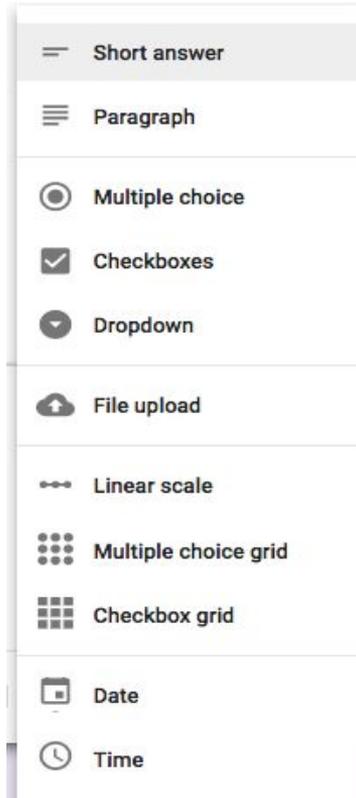
- [Student information](#)
- [Registration](#)
- Easily converts data to a manageable database

	A	B	C	D	E
1	Student's First Name	Student's Last Name	Class period	Student's Instrum	Parent's Name
2	Chloe		6th hour (8th grade)	Clarinet	
3	Olivia		6th hour (8th grade)	Flute	
4	Jessica		6th hour (8th grade)	Baritone	
5	Kekoa		6th hour (8th grade)	Trumpet	
6	Kailey		6th hour (8th grade)	Clarinet	
7	Taygan		6th hour (8th grade)	Trombone	
8	Isabella		6th hour (8th grade)	Flute	
9	Xander		6th hour (8th grade)	French Horn	
10	Tyson		6th hour (8th grade)	Trumpet	
11	martin		6th hour (8th grade)	Trombone	
12	Troy		6th hour (8th grade)	Percussion	
13	Archer		6th hour (8th grade)	Tuba	
14	Mason		6th hour (8th grade)	Trumpet	
15	Leah		6th hour (8th grade)	Trumpet	
16	Alex		6th hour (8th grade)	Baritone	
17	Curista		6th hour (8th grade)	Percussion	
18	Hannah		6th hour (8th grade)	Clarinet	
19	Natasha		6th hour (8th grade)	Alto Saxophone	
20	Brianna		6th hour (8th grade)	Flute	
21	Abigail		6th hour (8th grade)	Tenor Saxophone	
22	Nebtom		6th hour (8th grade)	French Horn	
23	Alexandra		6th hour (8th grade)	Flute	
24	Paul		6th hour (8th grade)	Trumpet	
25	Emmerson		6th hour (8th grade)	Flute	
26	Noah		6th hour (8th grade)	Baritone	
27	Analeigh		6th hour (8th grade)	Trumpet	

Written Tests- Grading with ease!

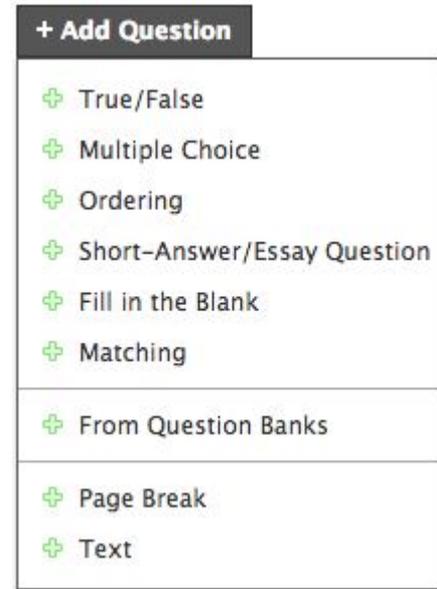
Using Google:

- [Written test example](#)
 - Use Flubaroo to analyze the results
 - [Flubaroo example](#)



Using Schoology

- More options for type of tests
- Grades automatically and connects to PowerSchool



Schoology

- Create documents in “Resources” to be able to retrieve it year after year.
- Can share among other collaborators like Google
- Submit video playing tests, create daily discussions, organize and share out all items the students need
- [Schoology](#)

Apps to help with instant Formative feedback

Notability

ClassKick

Stick Around



Notability



- Allows students to write on a PDF
- Free



EO_2.3_Notes_and_Rests
Nov 7, 2017 at 8:45 AM

EO 2.3 Notes and Rests

Draw the musical notes and rests and their values.

ITEM	NOTE	REST	VALUE (number of beats)
Whole note/rest			4
Half note/rest			2
Quarter note/rest			
Eighth note/rest			
Sixteenth note/rest			

Number of sixteenth notes

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Stick Around



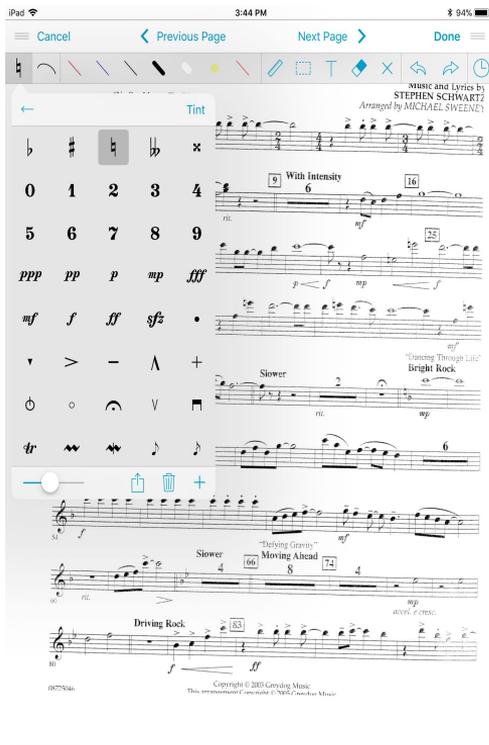
- Create puzzles to help students label terms and/or symbols
- Provides instant feedback to the students in a fun way.



Other easy apps for the classroom

For Score

- \$10/\$5 for 20
- Allows students to write on the music.
- Provides all music notation
- Swipe your finger to turn the page.



Bandmate Chromatic Tuner

- Free tuner that is instrument specific. Great for French Horns!



F



Classroom

Submission of playing tests and auditions

Organizes all of the classroom activities/paperwork into one.

The screenshot displays a Google Classroom interface. At the top, there are navigation tabs: 'STREAM', 'STUDENTS', and 'ABOUT'. The user 'brandi.kaw' is logged in. The class page shows the teacher 'Brandi Kawula' and the class name 'Chromatic Scale'. A due date of 'Due Feb 21, 8:00 AM' is shown, along with progress indicators: '15 DONE' and '27 NOT DONE'. A 'Chromatic Scale Test' link is visible. Below, there is a section for 'STUDENT WORK' with a 'RETURN' button and a '60 points' indicator. A list of students is shown on the left, and a grid of student work submissions is on the right.

Student	Score	Submission
Jessica Carrier	60/60	Chromatic Scale (Mon... Returned
Isabella Duron	58/60	VID_20170209_19333... Returned
Xander Faltin	Add grade	Chromatic Scale.mov Returned
Kristin Hansen	60/60	Chromatic Scale (Sun... Returned
Troy Hunsicker	60/60	Chromatic Scale (Frid... Returned
Hannah McArthur	Add grade	Chromatic Scale (Sun... Returned
Natasha Menon	60/60	Chromatic Scale (Satu... Done
Holli Mietz-Schwager	60/60	Chromatic Scale (Sun... Returned

