best tech tools to increase engagement

in remote, hybrid and face-to-face learning



about this session





with Katie

Wardrobe



Midnight Music

digital learning coach for music teachers podcaster, blogger, speaker



housekeeping



- tech issues usually your internet (!)
- copy of slides provided
- Moderator of chat: Amy Burns
- longer Q&A at end

engagement & motivation

the second wave

- March: panic & survival mode
- basics: video conferencing, screencasting, LMS and others
- now: "second wave"
- improve delivery of content & increase engagement





options for all situations

- remote
- face-to-face
- hybrid
- on a cart



tech tools & techniques

- Pear Deck & Nearpod
- Jamboard & Padlet
- EdPuzzle
- Digital badging



interactive presentations

interactive presentations

- Pear Deck & Nearpod
- add interactive elements to slideshows
- allows you to hear from all students
- live synchronous option
- student-paced asynchronous option





pear deck

- Google Slides or Powerpoint add-on
- add interactive component to presentations
- live/instant responses
- does not require email login





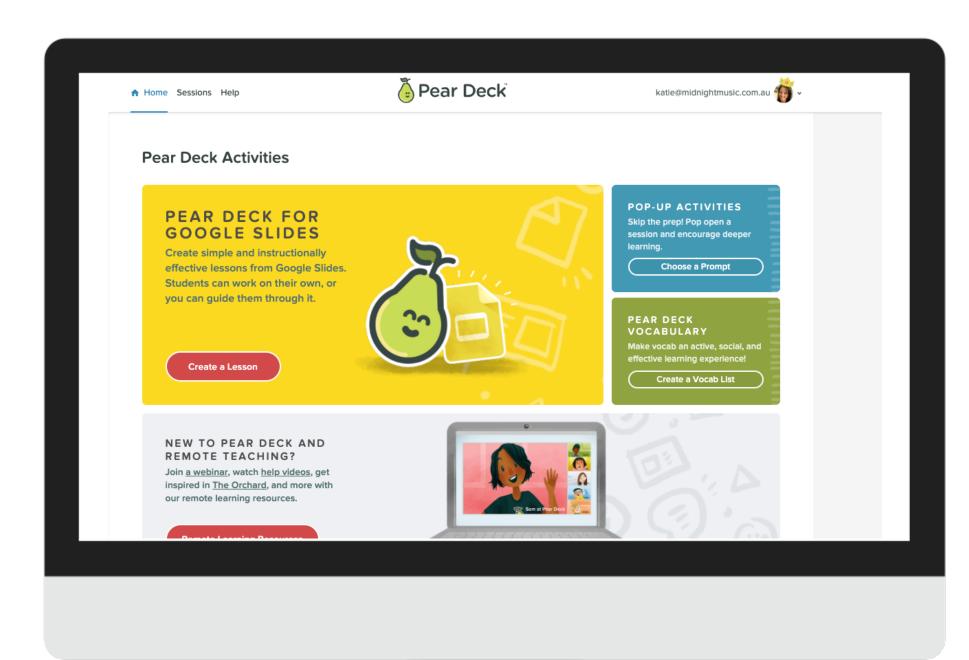
premium features

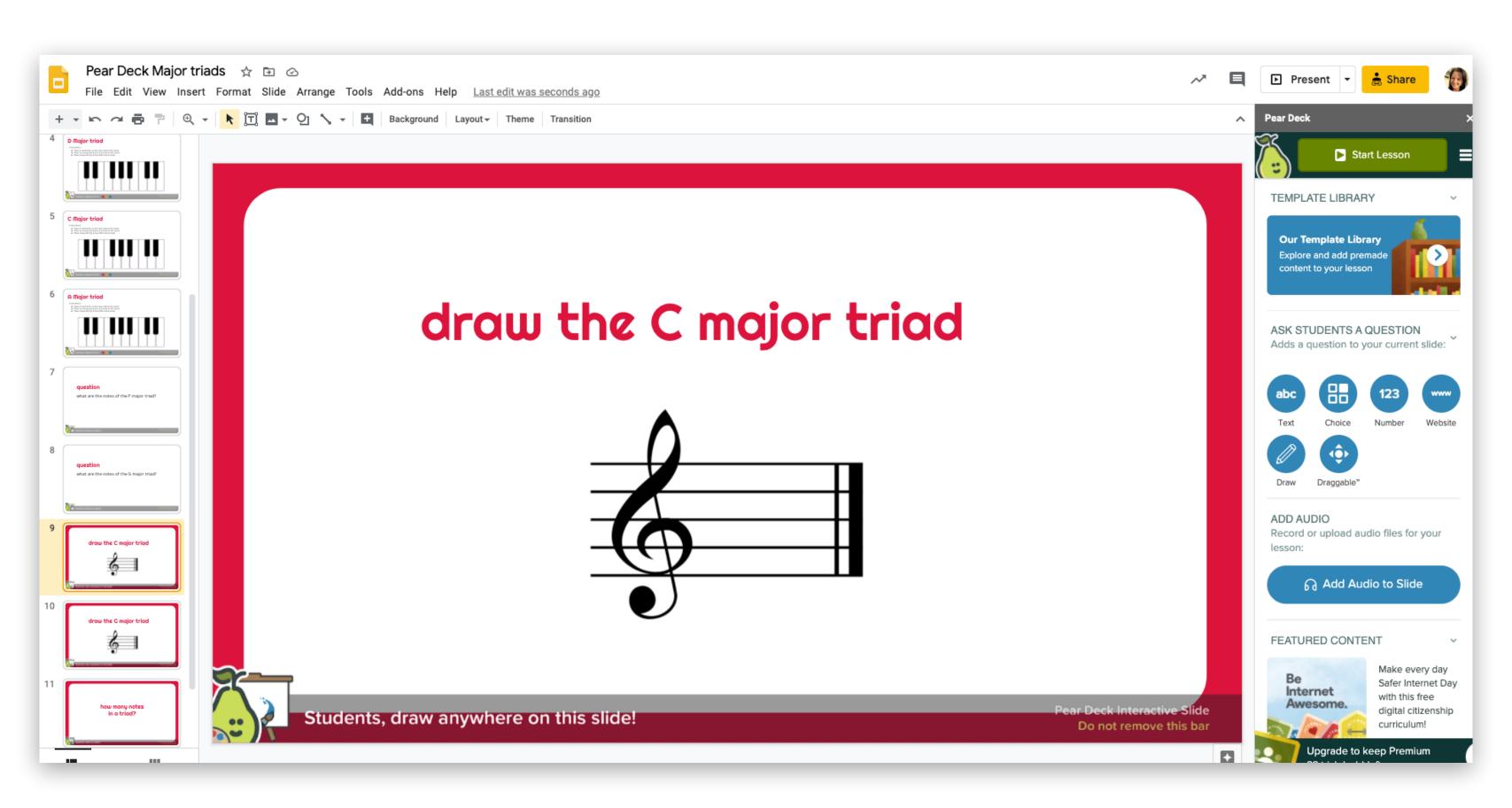
- drawing & draggable responses
- add audio (Slides only)
- student-paced option

how to use

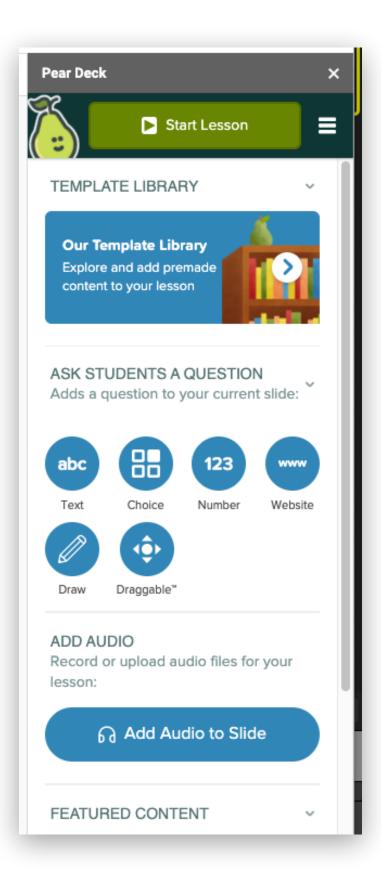
- install add-on
- open or start a slideshow
- add interactive slides (or change existing slides)
- present using Pear Deck

 Start Lesson button

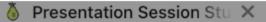




Pear Deck add-on











student view

app.peardeck.com





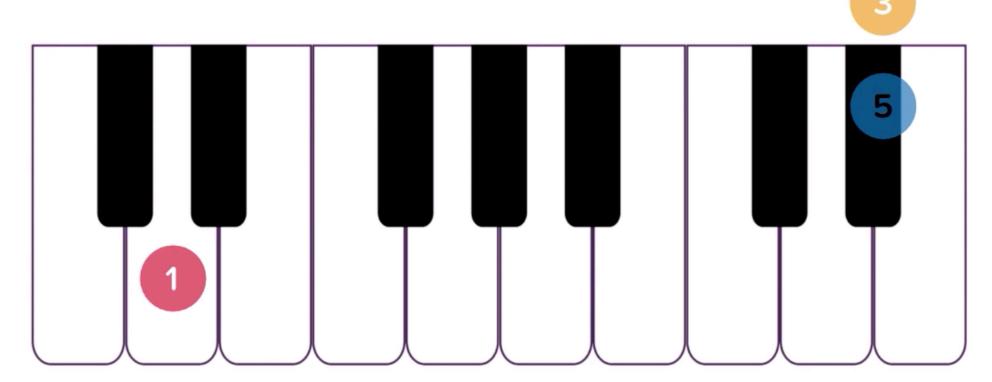




D Major triad

Instructions:

- Place a red dot (1) on the root note of the chord
- Place an orange dot (3) on the third of the chord
- Place a blue dot (5) on the fifth of the chord





Students, drag the icons!







nearpod

- interactive lesson-building tool
- use Nearpod platform or Slides add-on
- pre-made lessons available
- create quizzes, polls, drawing activities, 3D images, web content & more





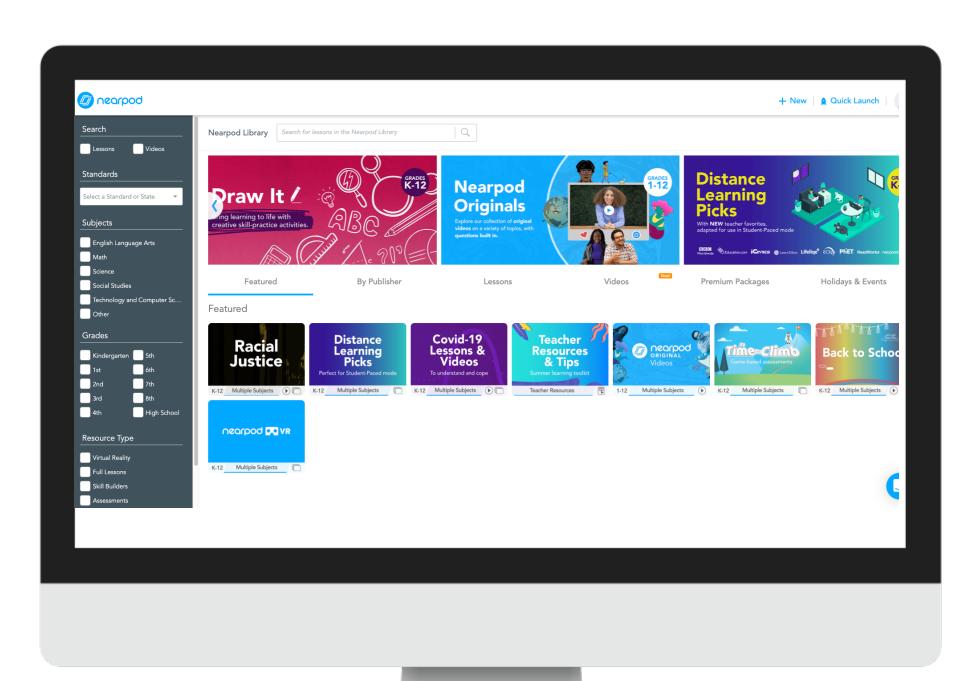
premium accounts

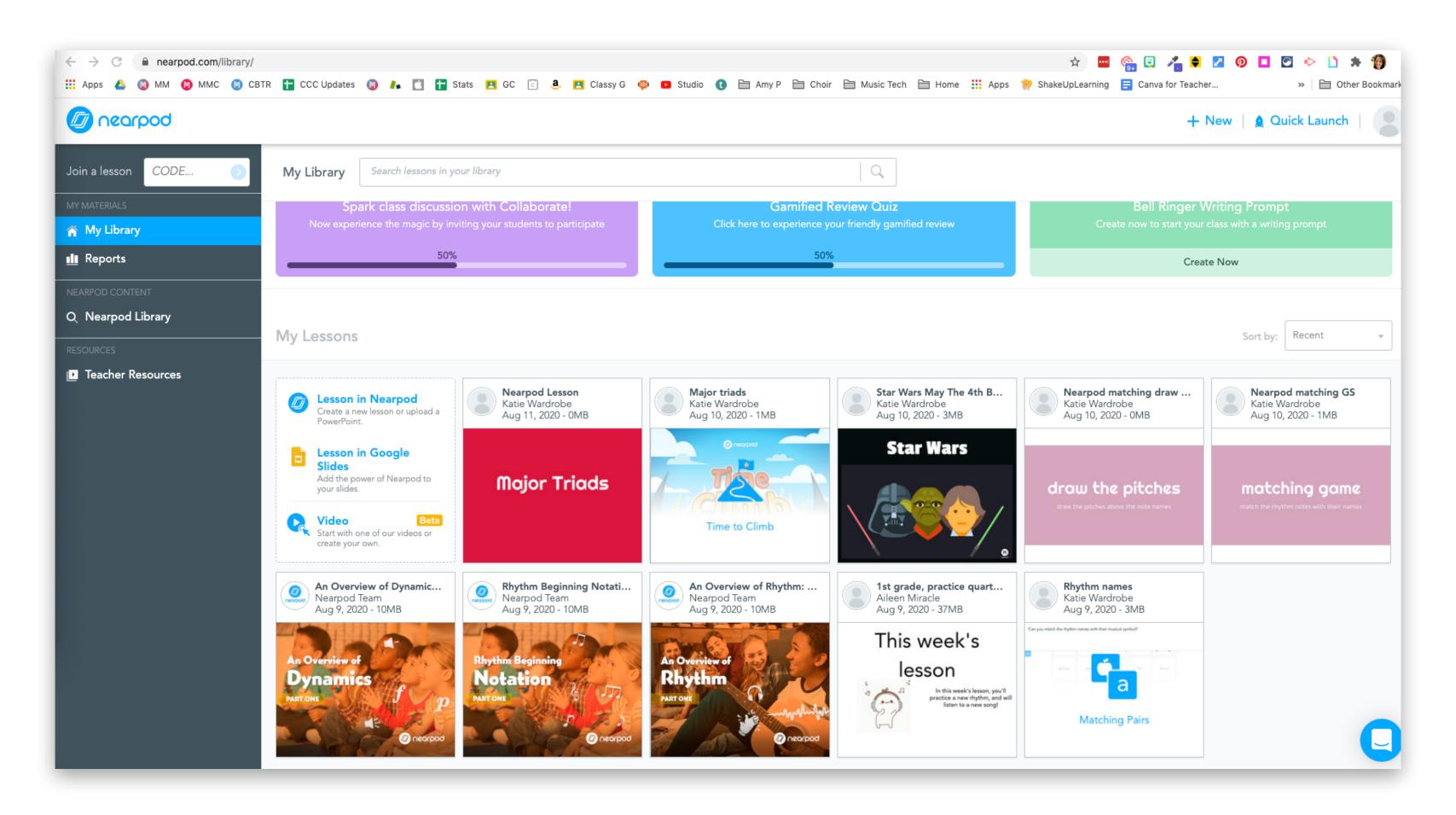
- more storage space (free:100MB)
- more students per session

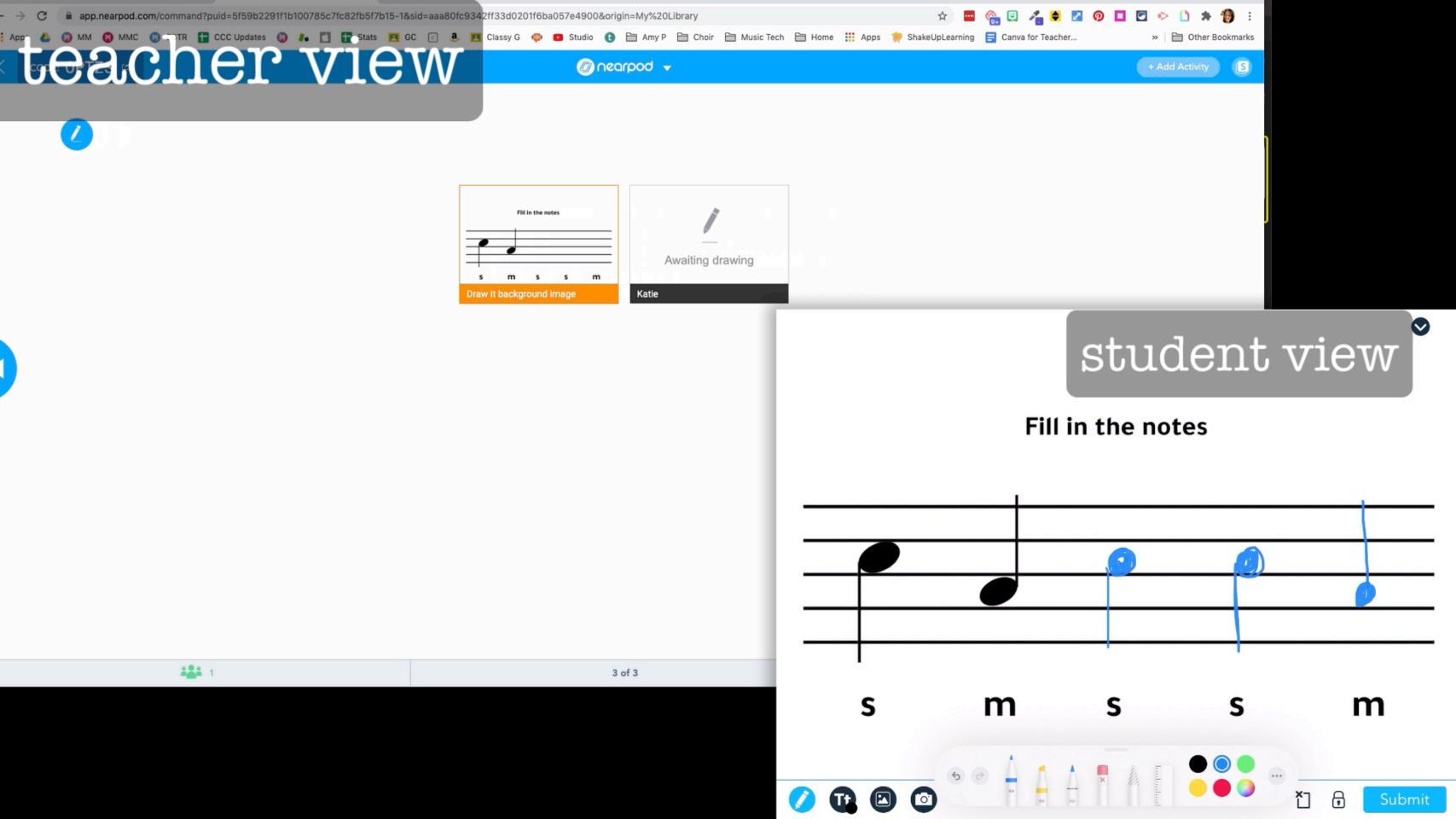
how to use

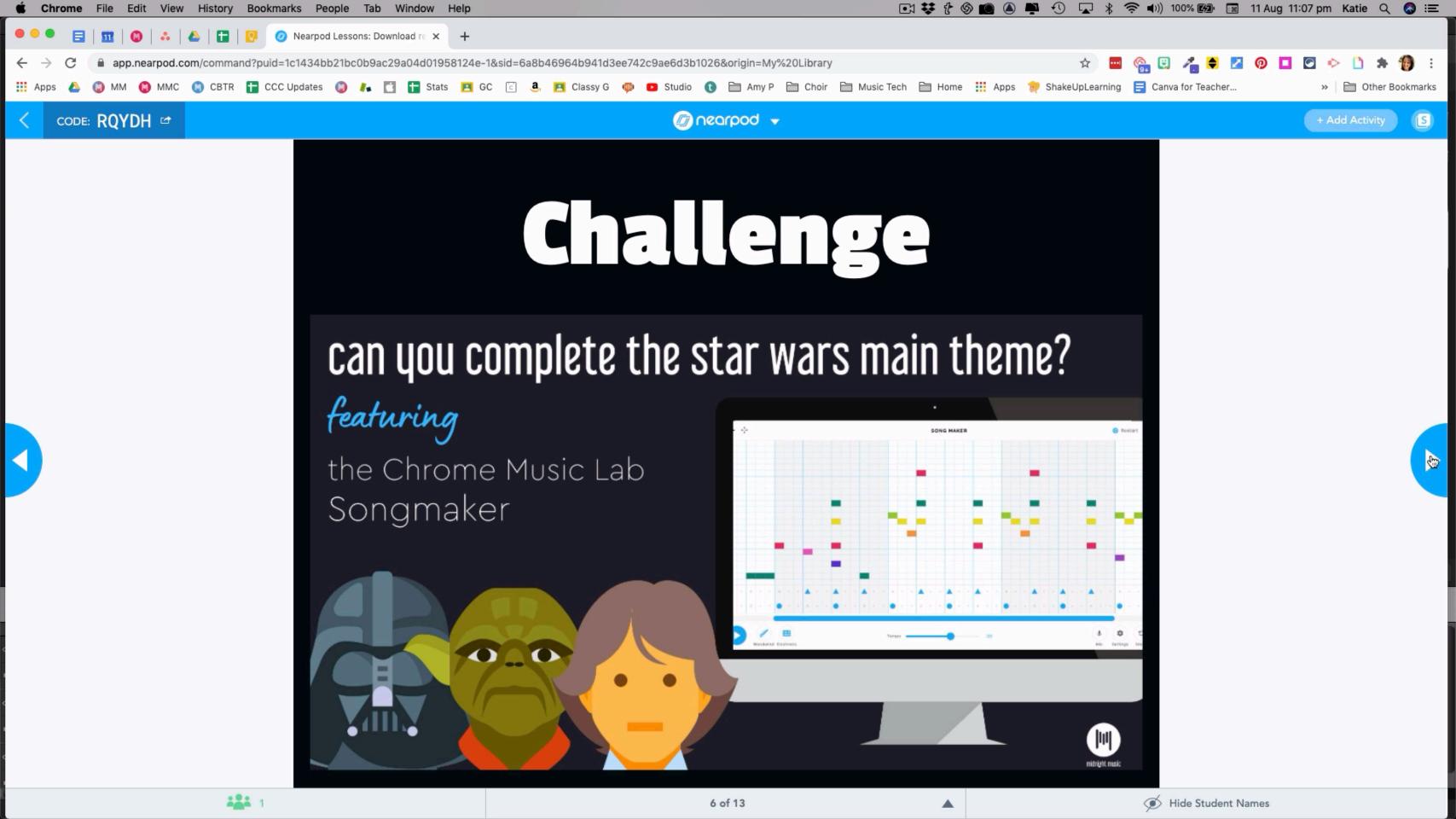
- build lessons or find premade in Nearpod
- update existing slideshows

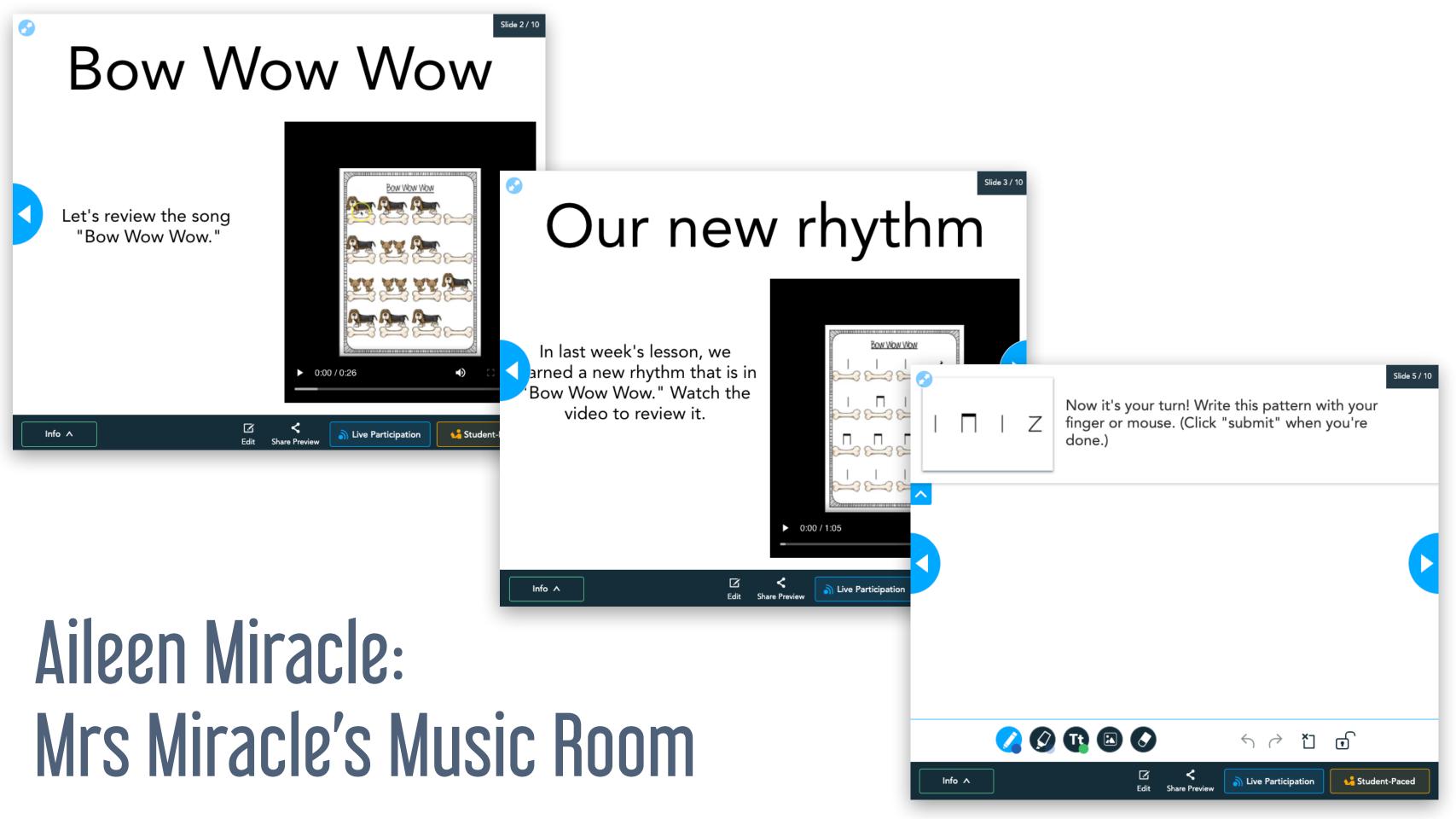
launch lesson from Nearpod





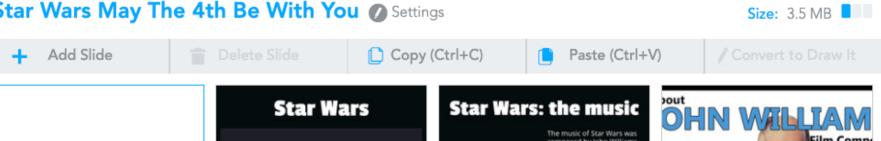












2



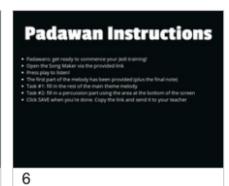














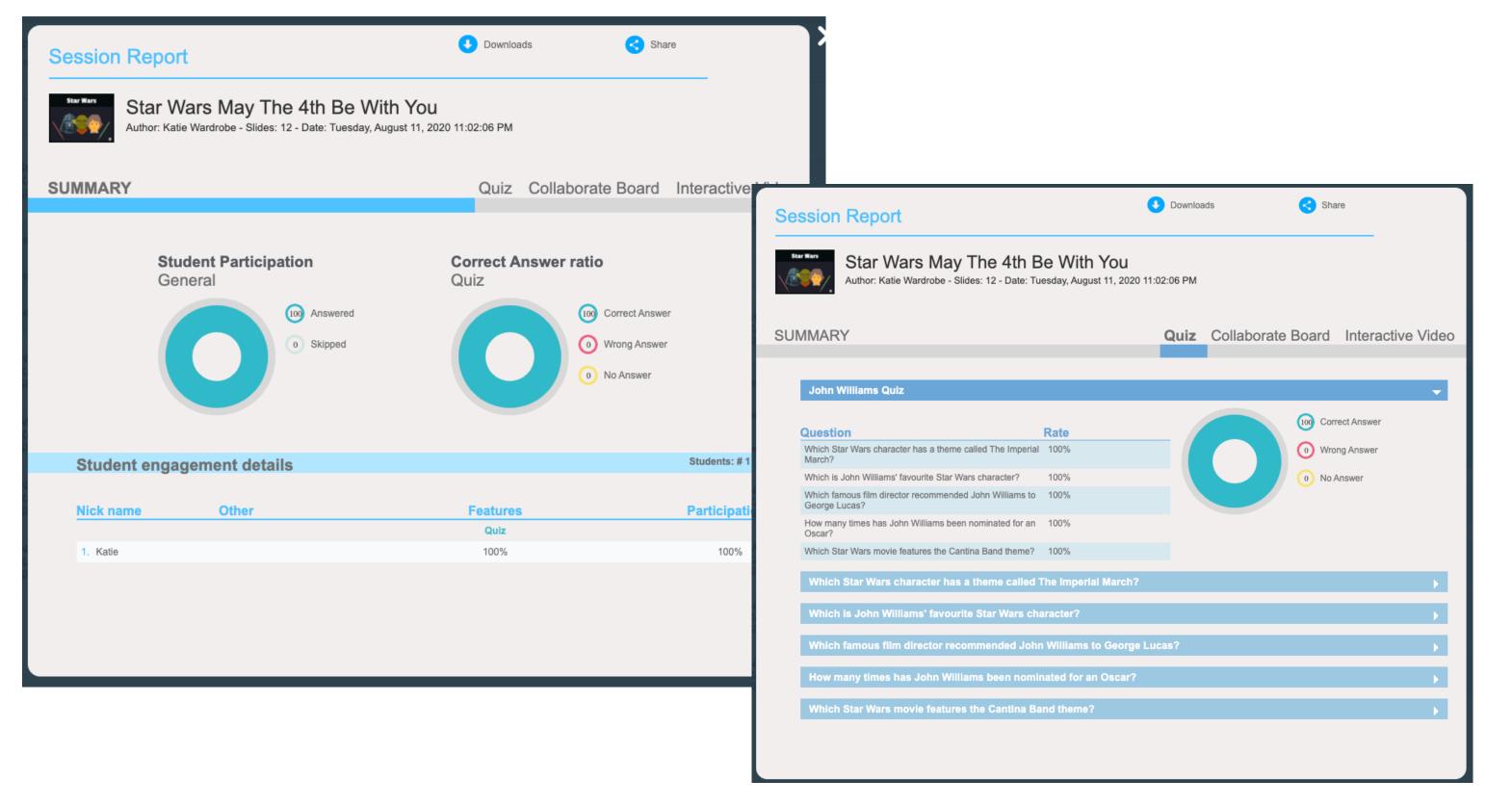






you're done!

UPLOAD FILES



reports

which one?

- Pear Deck is more straightforward
- Nearpod is more powerful
- both offer different things!





collaborative boards

collaborative boards

Jamboard (Google)

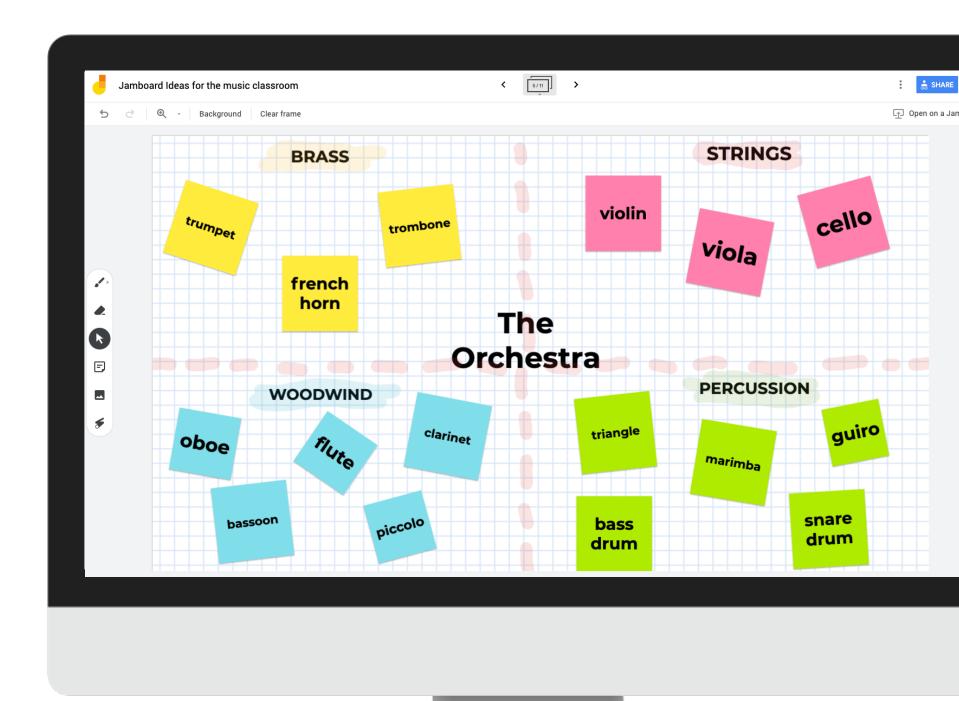
Padlet





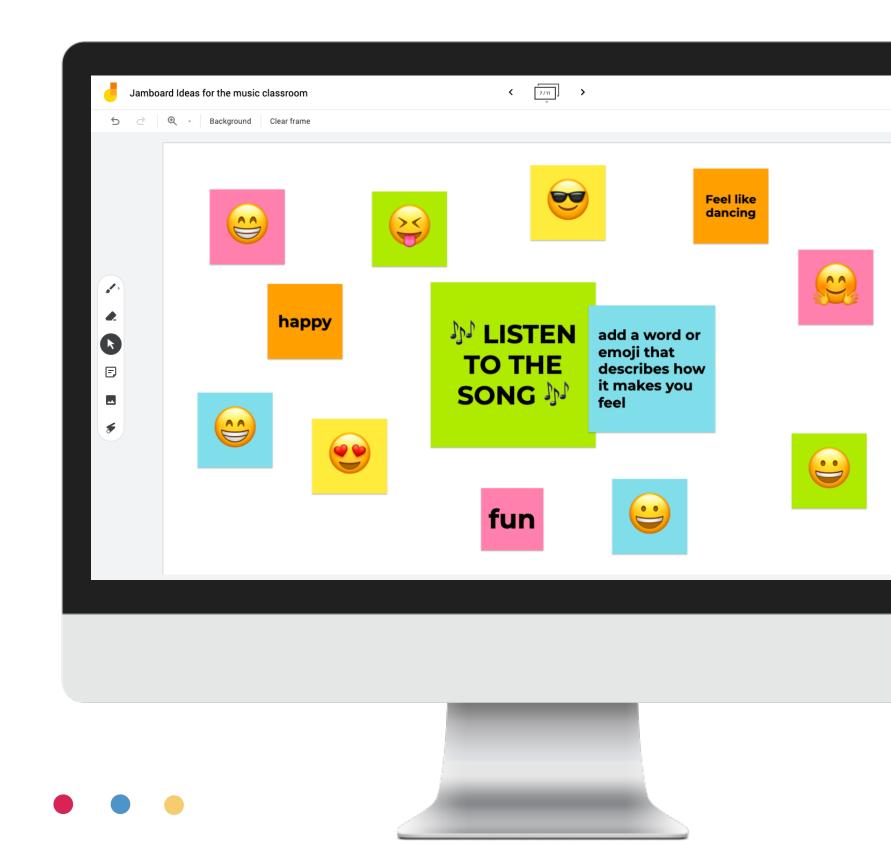
Jamboard

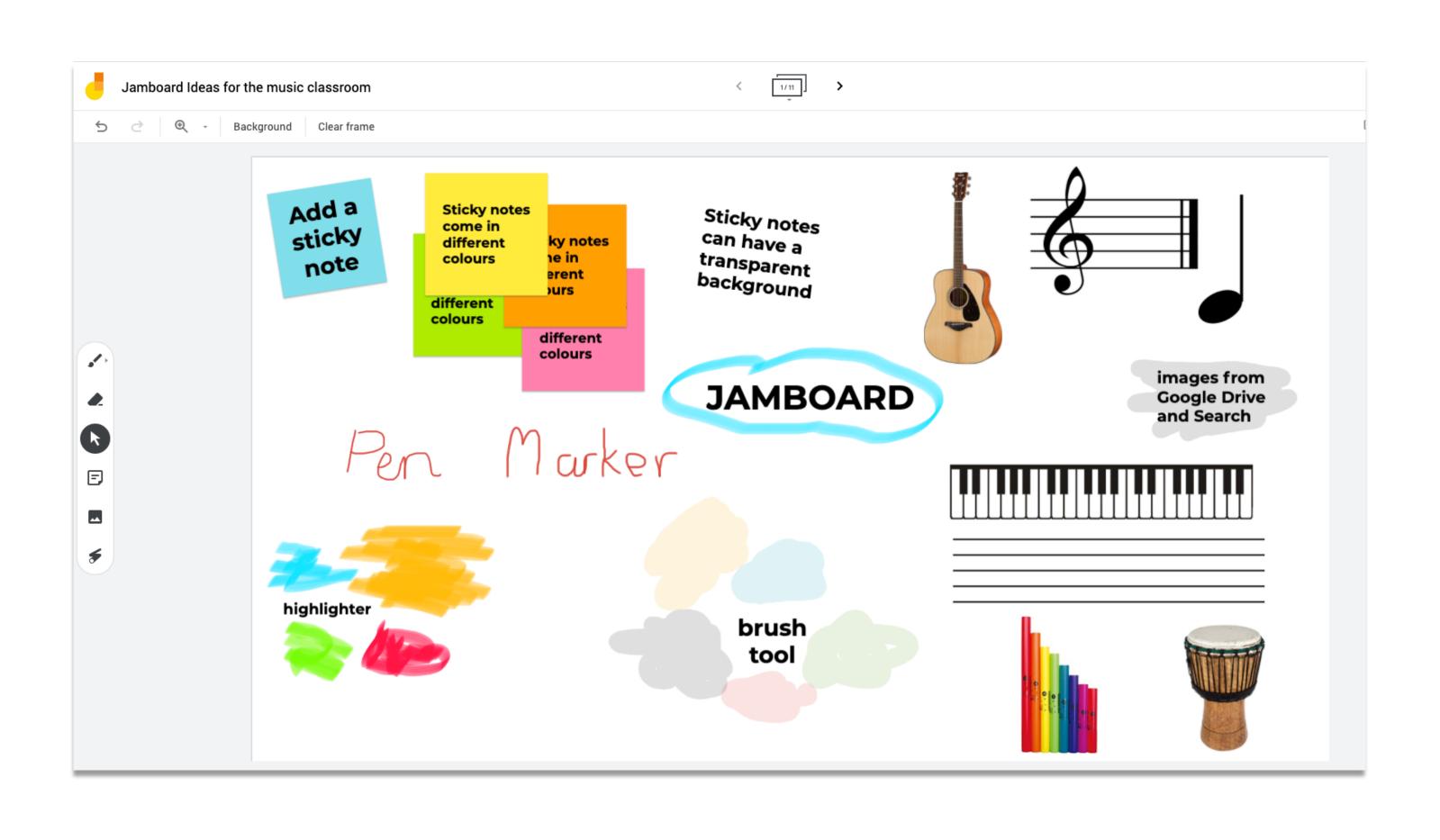
- collaborative whiteboard
- draw, add sticky notes, add images, laser pointer
- up to 20 people at once
- web version & app version



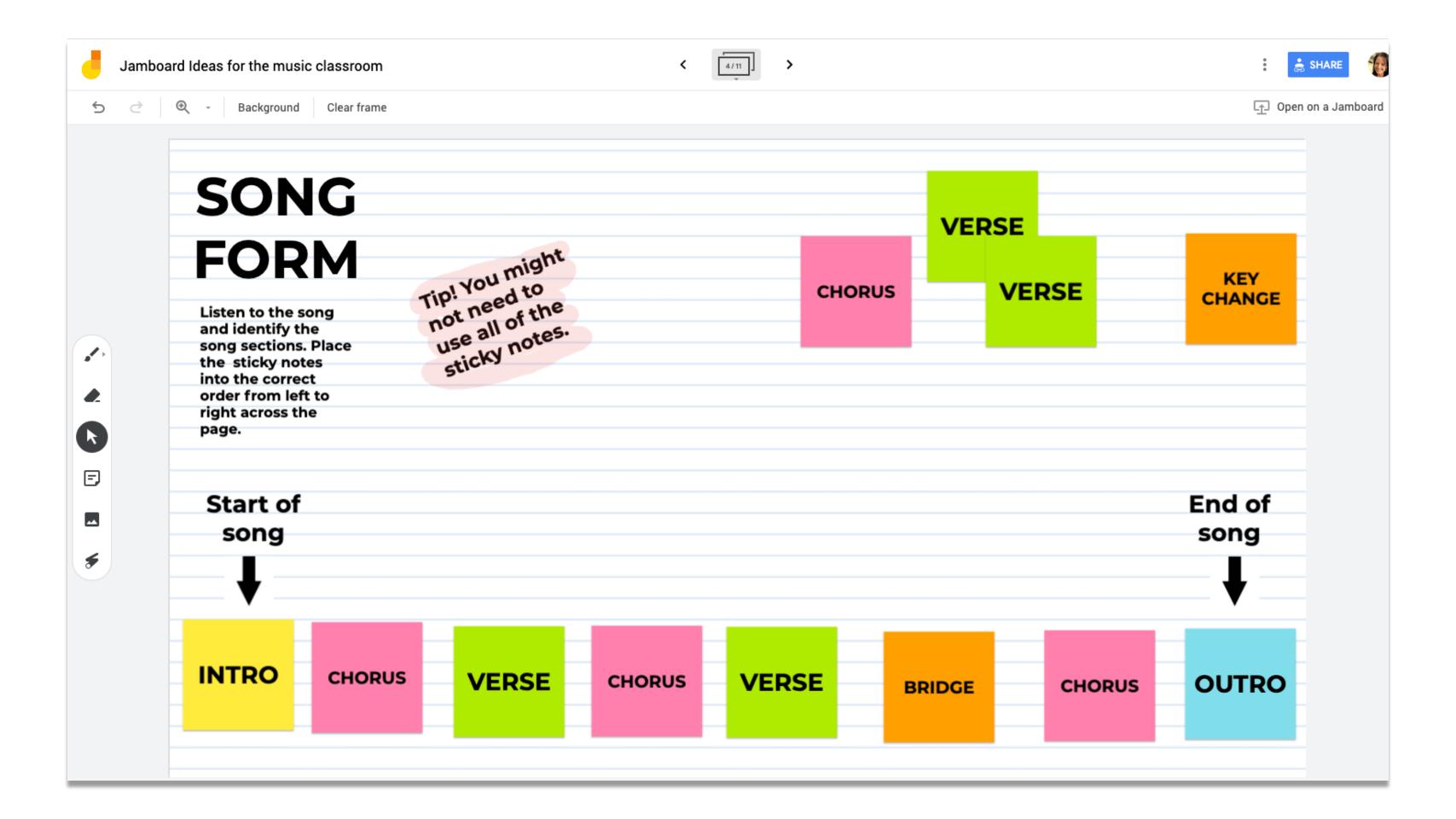
drawbacks

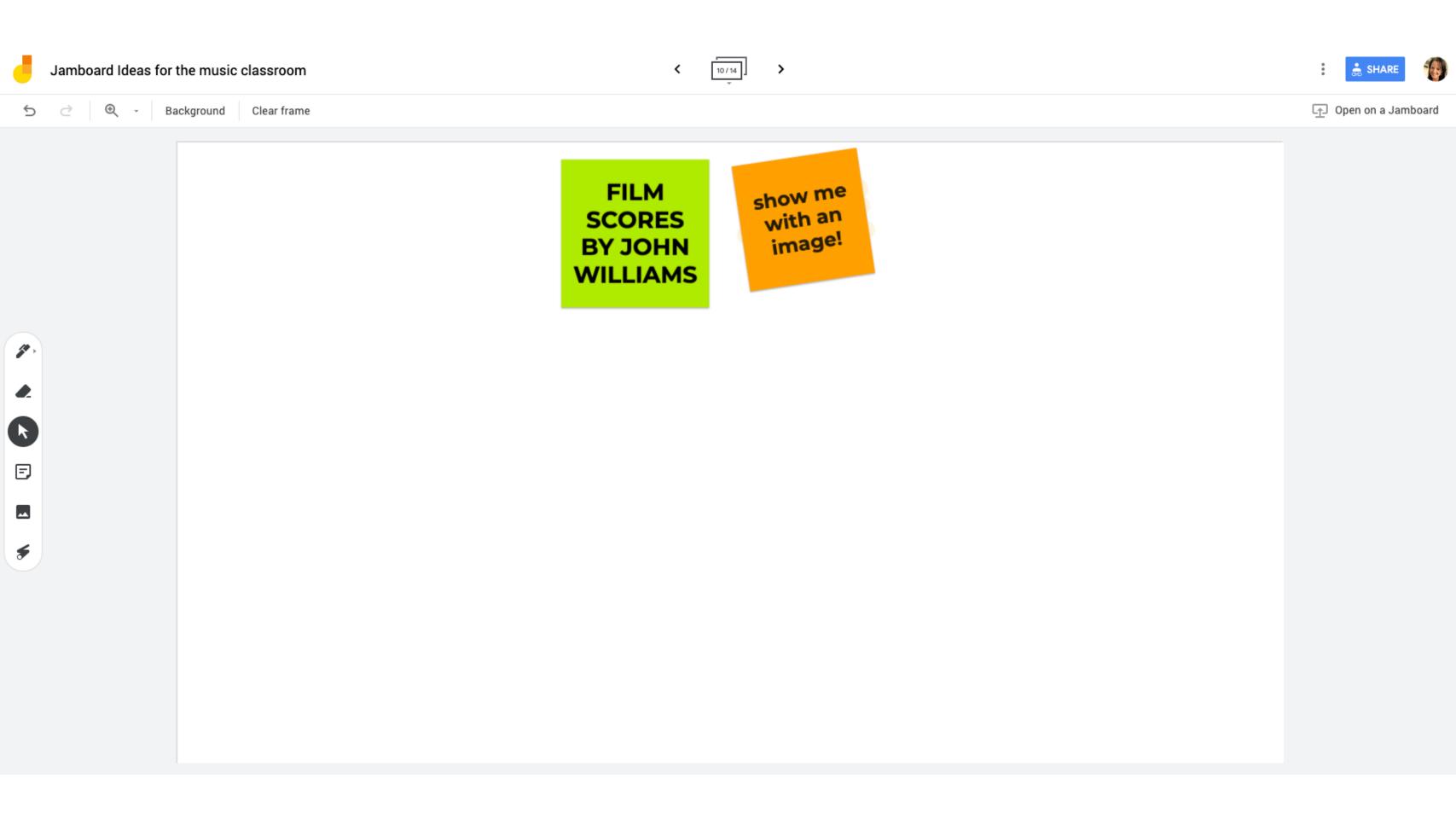
- students can edit each other's work
- can't lock images
- limited backgrounds
- assistive drawing features on app version only

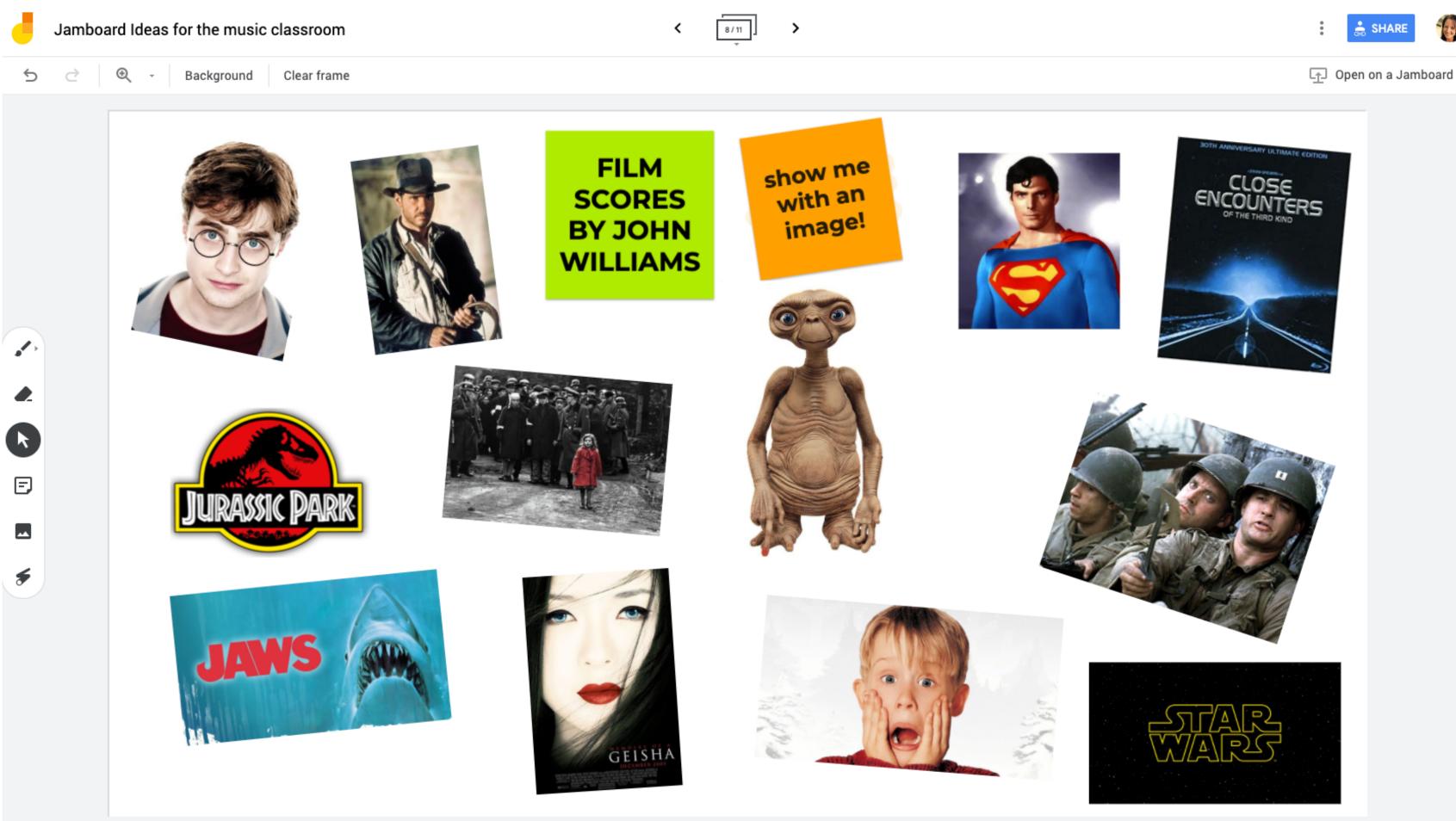








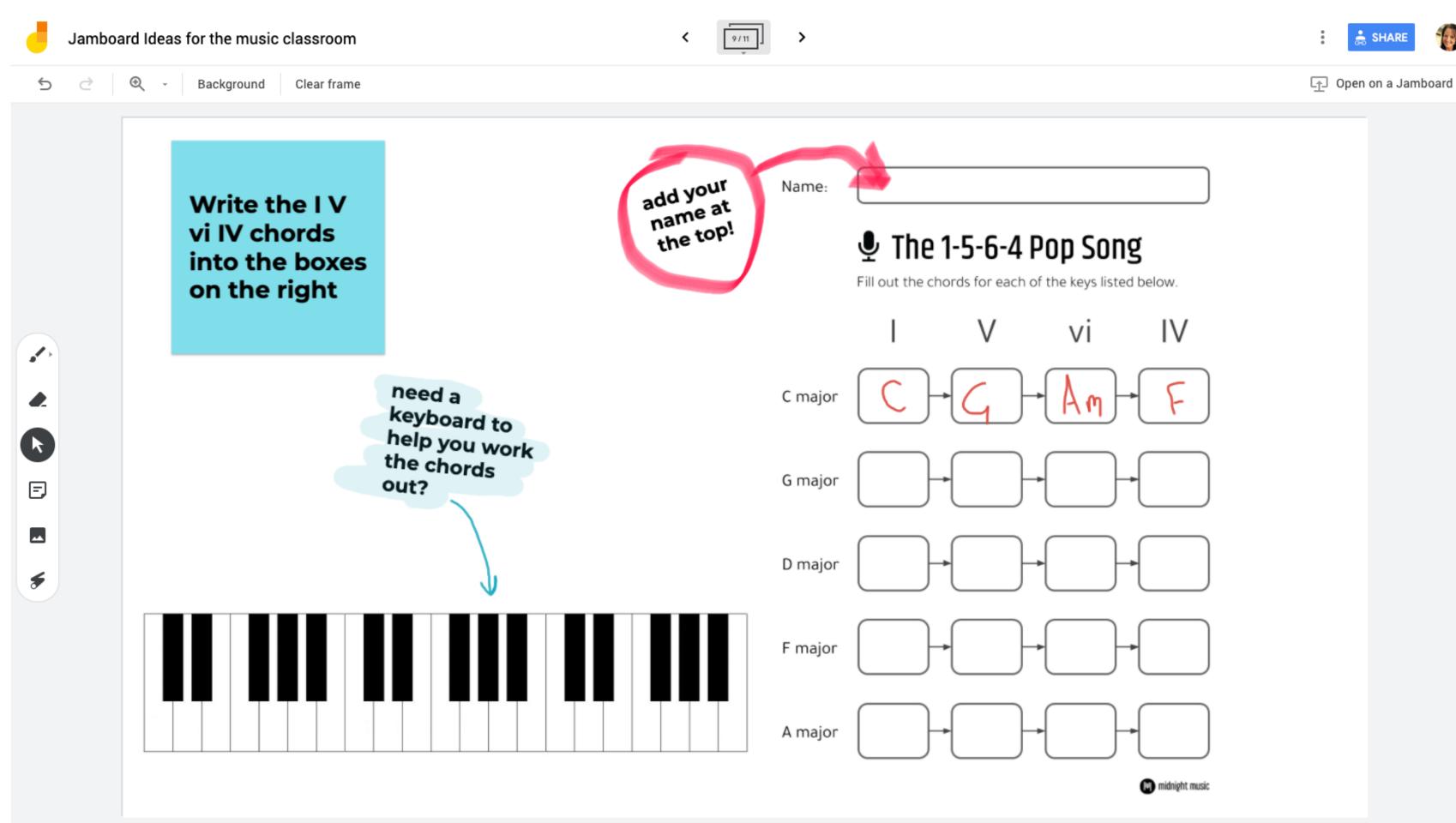


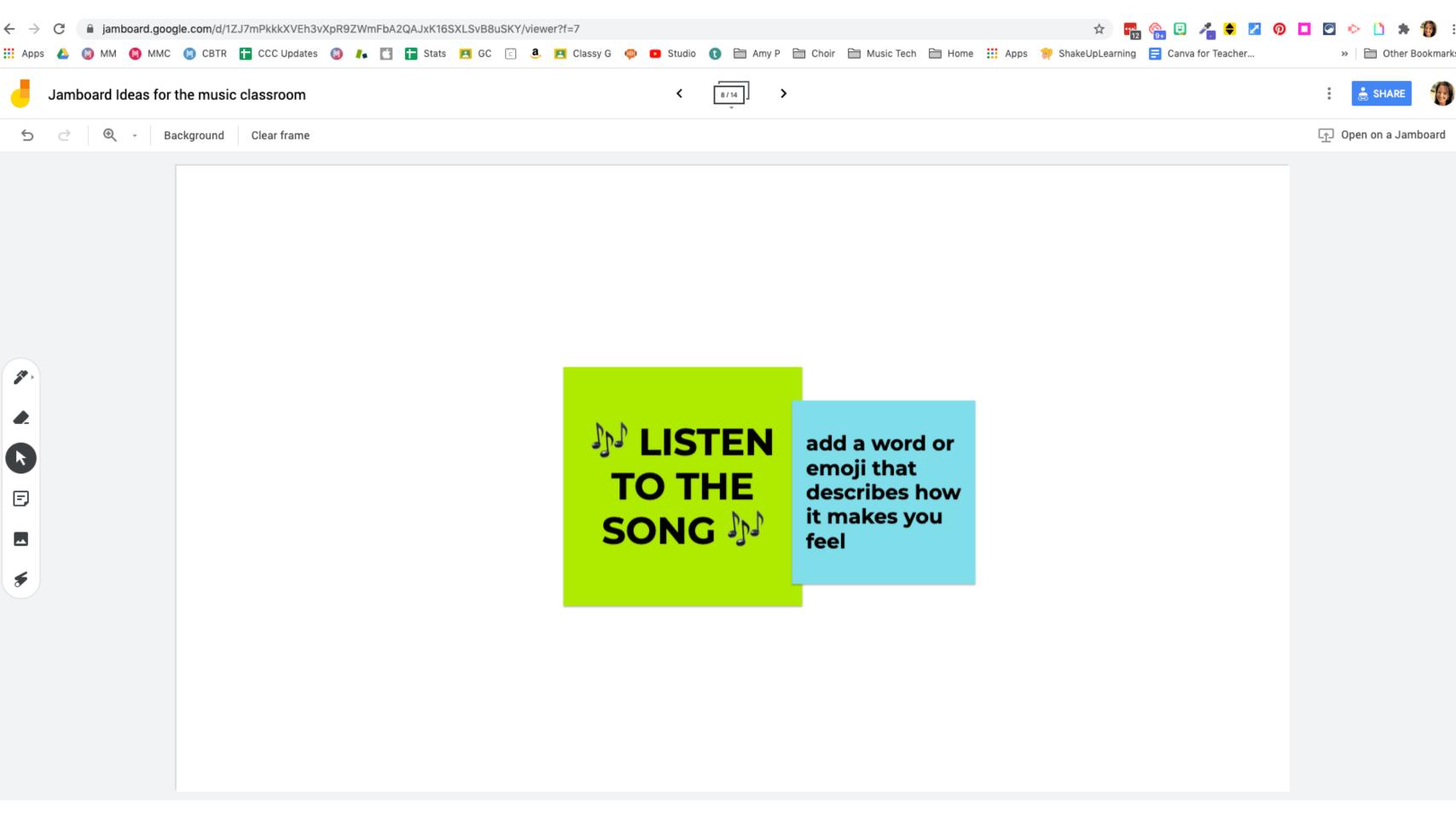


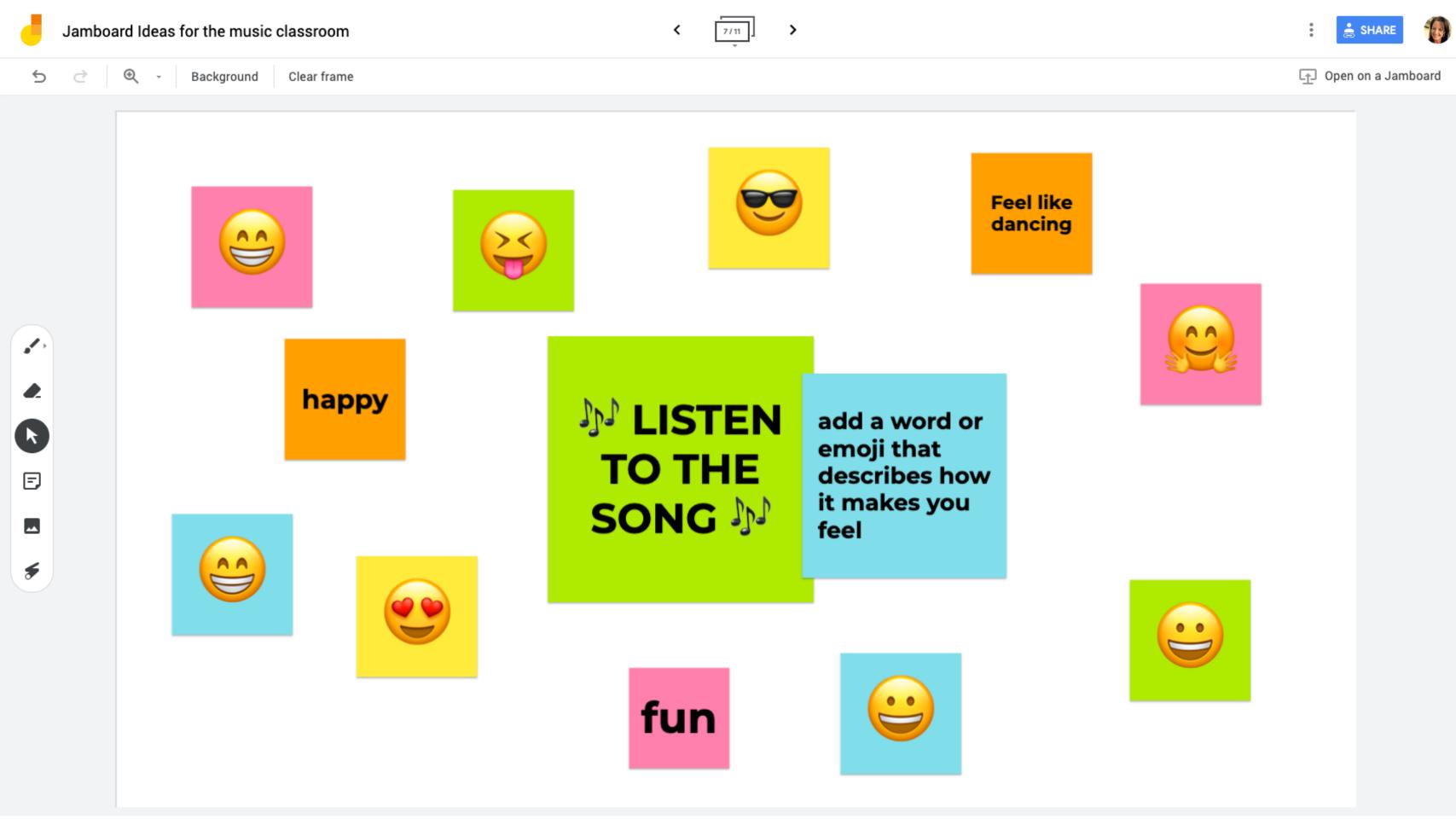


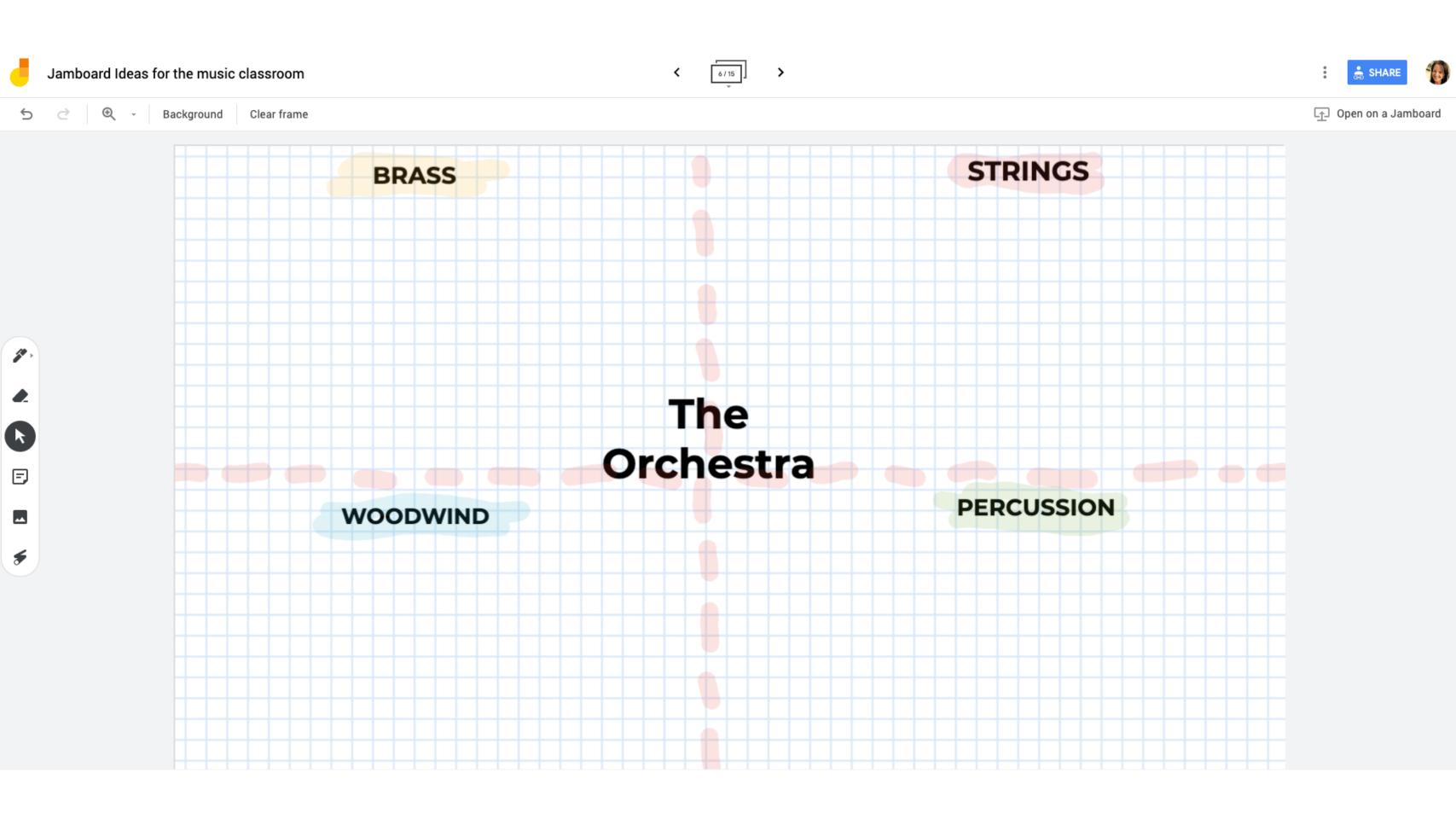


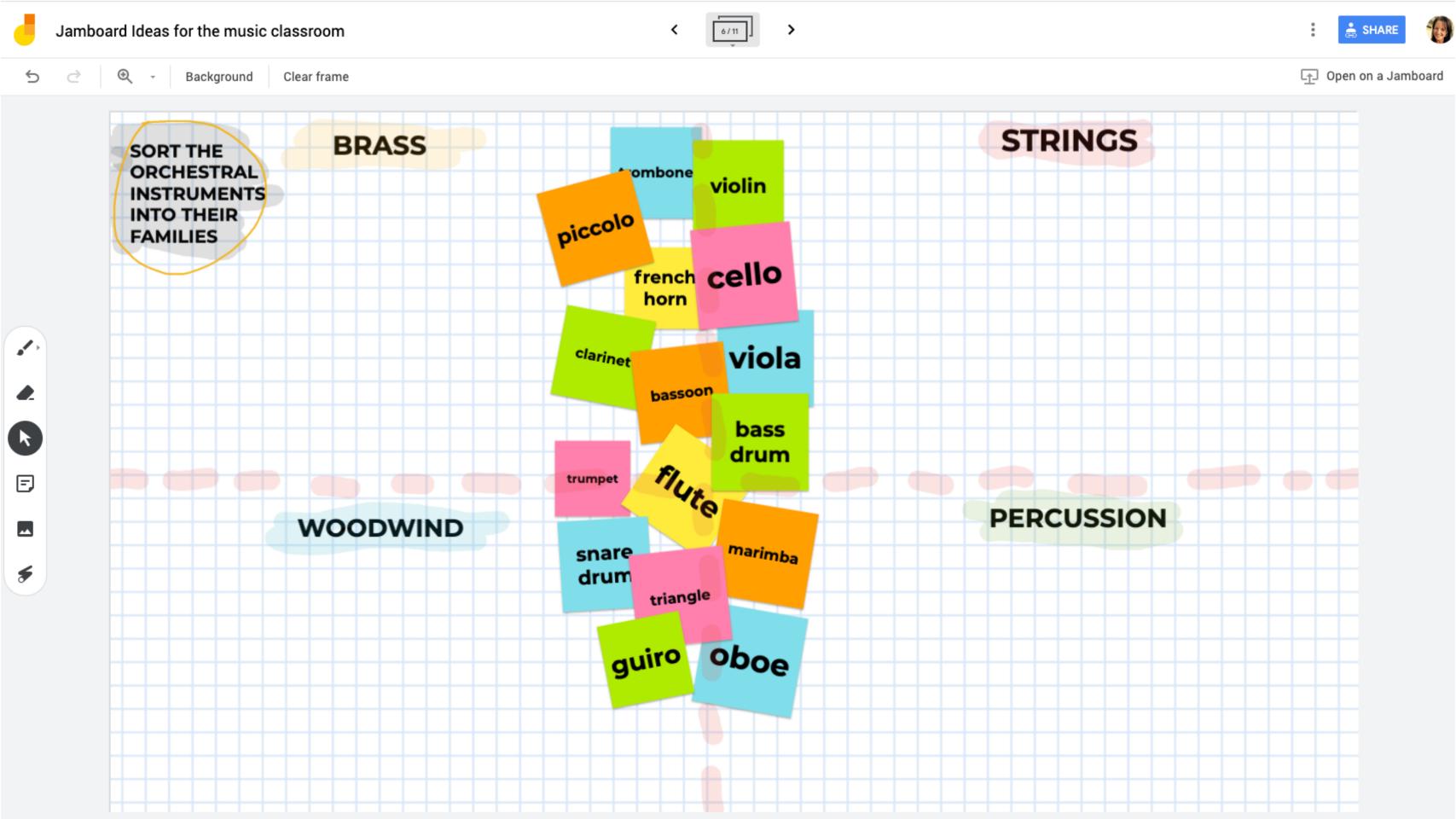


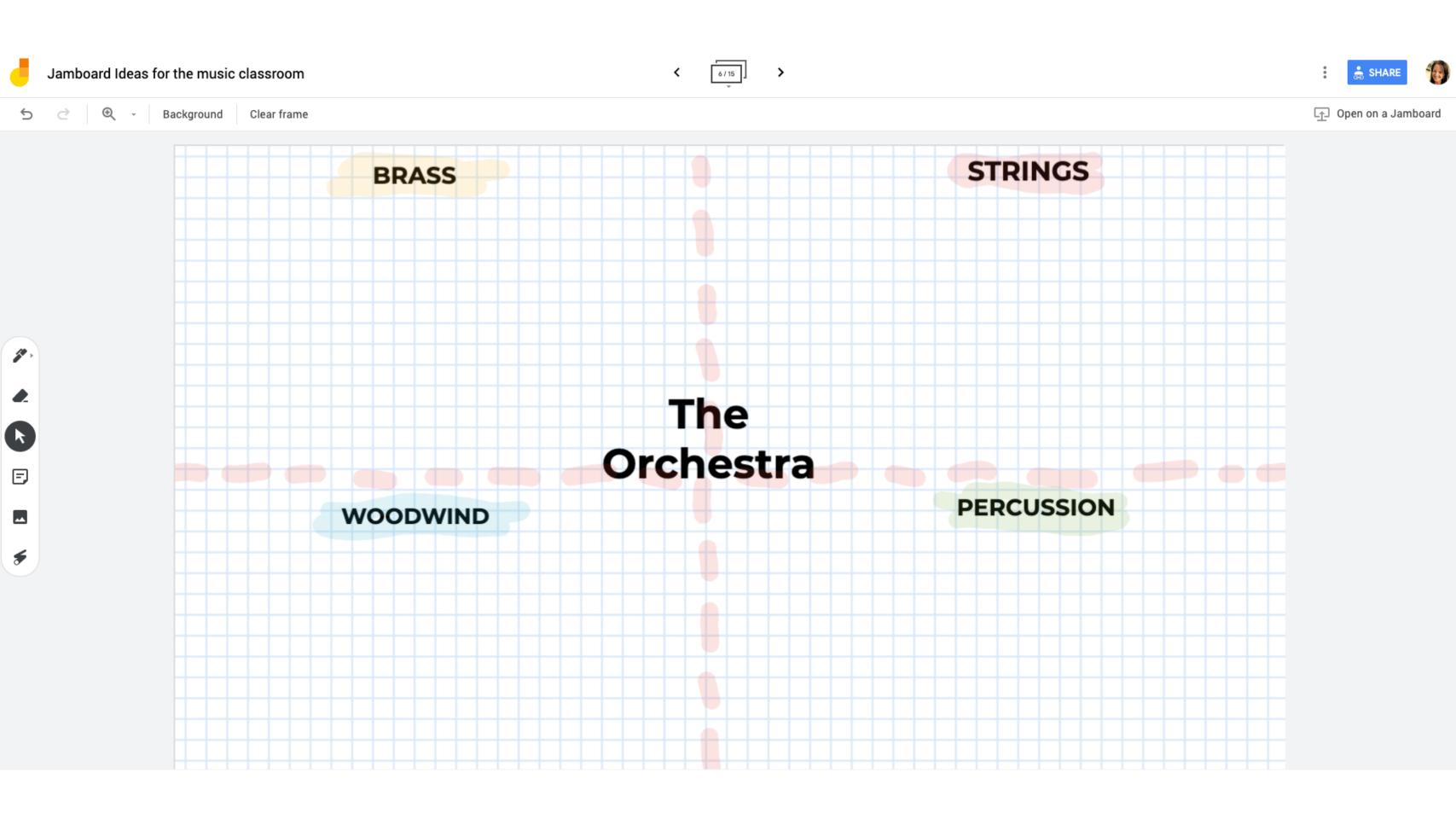


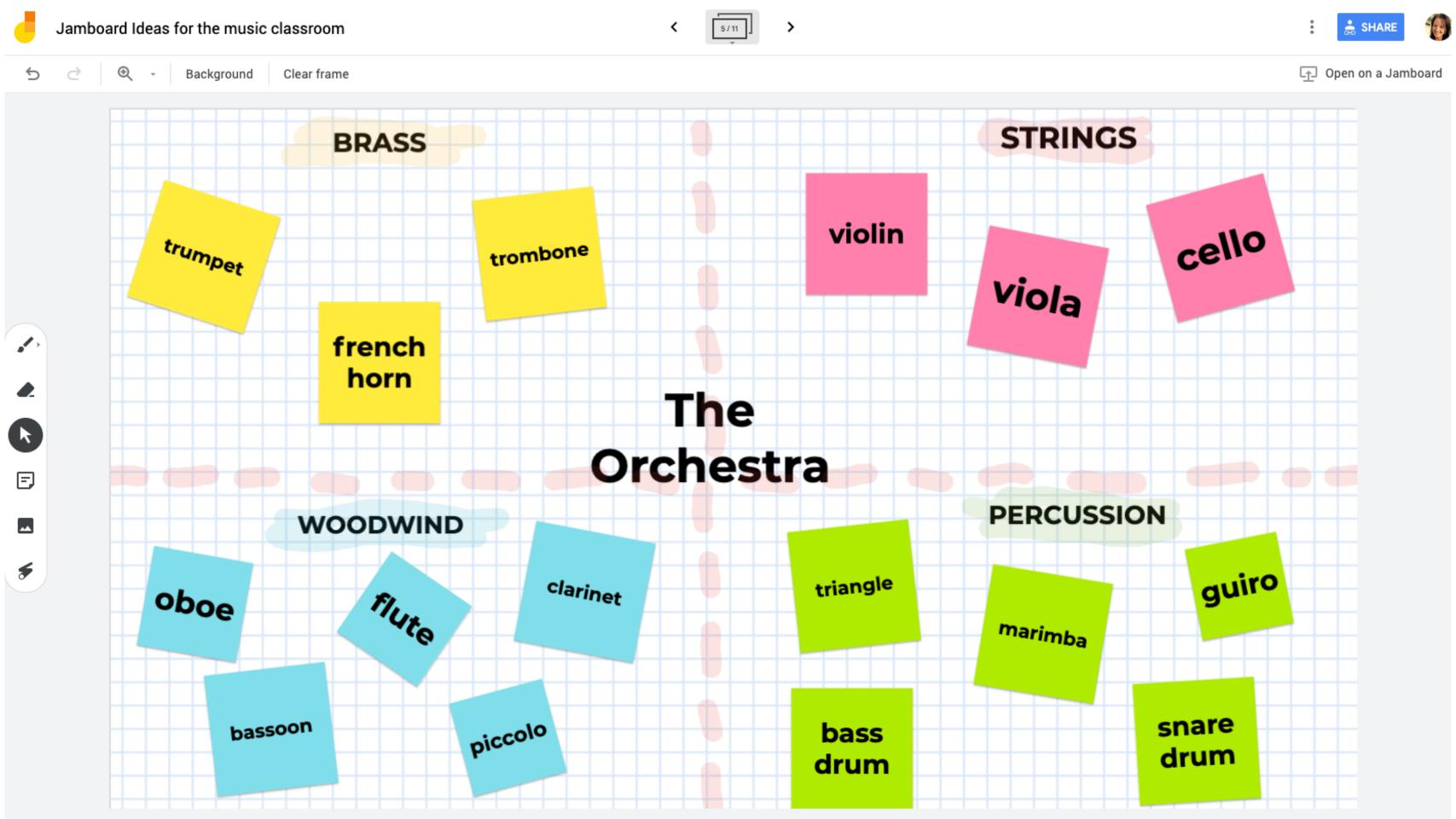






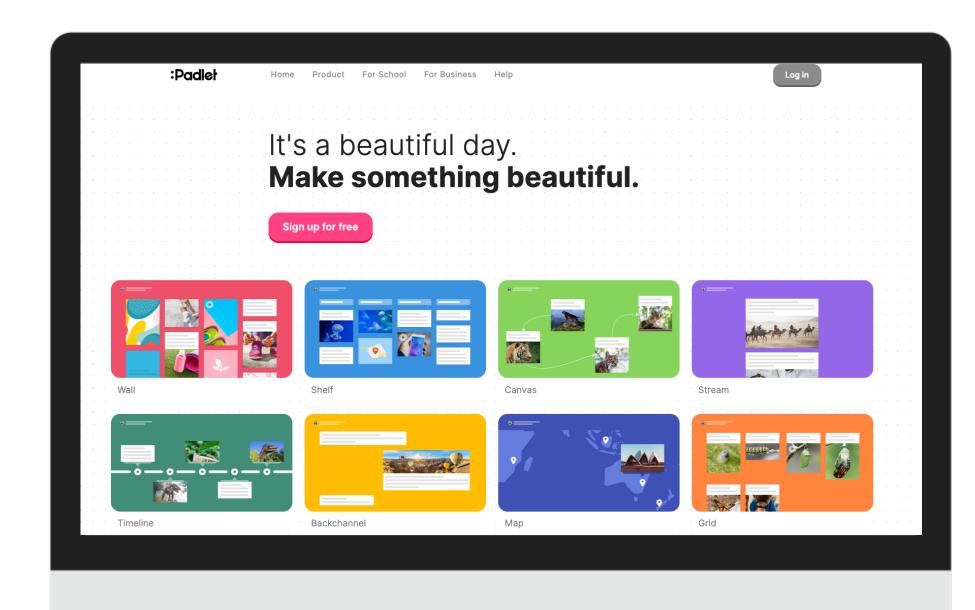


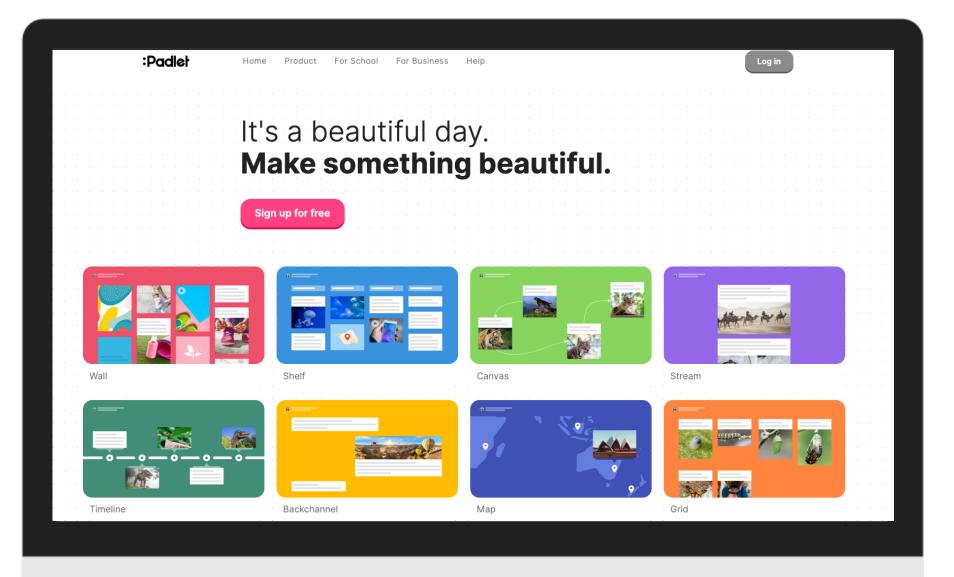




padlet

- a collaborative bulletin board
- add sticky notes, video, images, maps, website links
- variety of layout templates





free vs paid

- free: only 3 boards
- Backpack: unlimited student accounts



Make a padlet

Start with a blank ...



Wall PREVIEW

Pack content in a brick-like layout.

SELECT



Canvas

Scatter, group, and connect content in any way.

SELECT

PREVIEW

PREVIEW



Stream

Streamline content in an easy to read, top-to-bottom feed.

PREVIEW

PREVIEW

SELECT



Grid

Arrange content in rows of boxes.

SELECT



Shelf

Stack content in a series of columns.

SELECT



Backchannel

Communicate in a chat like environment.

SELECT



Map

Add content to points on a map.

SELECT



Timeline

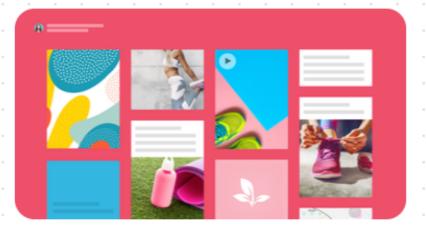
Place content along a horizontal

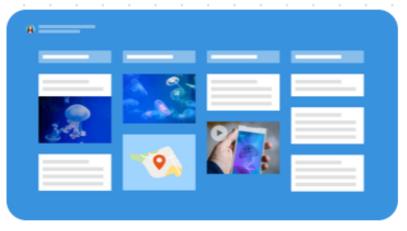
PREVIEW

PREVIEW

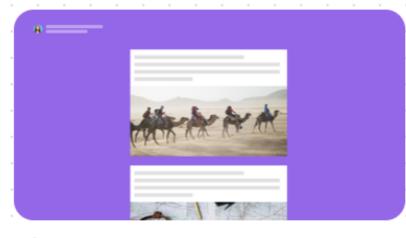
line.

SELECT









Wall

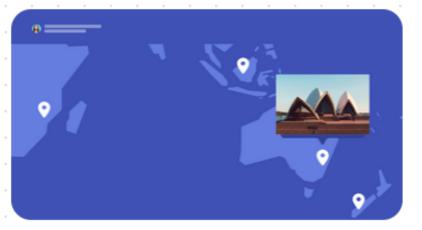
Shelf

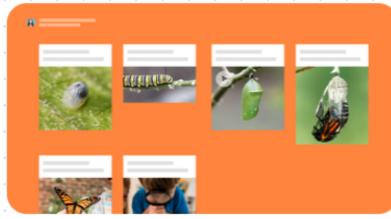
Canvas

Stream









Timeline

Backchannel

Map

Grid







Playing on Mini Violins by TwoSetViolin YouTube

Cello



Double Bass

YouTube



Brass

Trumpet

Trombone



Pharrell Williams - Happy: Trombone Loop by Christopher Bill YouTube

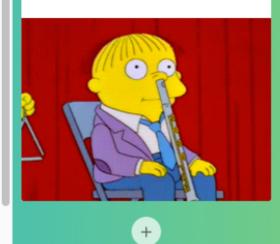
French horn



Woodwind



Flute



Percussion

bass drum



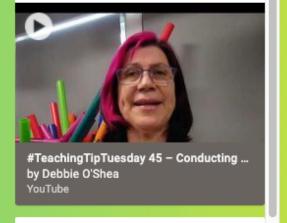
Timpani



Conductor



Conducting patterns



Baton



Orchestra layout









Singing

Singing has

of my life ar

in choirs an

groups.



About this Padlet

This is an example of a Padlet that could be created by music students so that you can learn more about their musical background, their musical interests, to discover what hidden talents they may have and who their musical heroes are.

There is a list of prompts you can give to students to start them off, but they could also add their own ideas.

Encourage them to use multiple forms of media - video, links, text and images.

My go-to karaoke song/s

Anything by Michael Jackson because the key is usually good for my vocal

This is me...

hate it when I'm singing a

I have a musical crush on...

Jacob Collier. He is an incredible musician who rose to fame by sharing a cappella split-screen videos on Youtube.

One of the best things he does is to harmonise short melodies sung by random people from around the world in a project he calls #IHarmU (I harmonise you). Here's an example:



Jacob Collier's #IHarmU Vol. 1 by Jacob Collier YouTube

Music that calms me down

I discovered the pianist and songwriter Sam Ock through my Spotify "Discover Weekly" playlist. Recently he released an album called Be Still & Know. This is the title track and I love it - it's very calm and I often listen to it while I'm working, or use it as pre-bed time listening.



A Favourite Musical Place: Salzburg

Salzburg is one of my favourite musical places. What's not to love about the place that gave us Mozart and The Sound Of Music?



Inspiring musical TED Talk

were involved with at the time.

There are SO many great TED talks, but one of the

live and watch him work with the Australian Youth

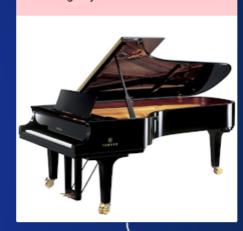
Orchestra in Sydney some years ago. A friend and I met him afterwards and interviewed him for a job we

Benjamin Zander. I was lucky enough to see him speak

ones I continually come back to is this one by

Piano

I started learning when I was 5 years old. The best foundation for learning any other instrument!



school left, I decided to take it up. In secret. Without my oboe teacher knowing. He

Instruments I play

Some of the instrumer and one I don't (anymo



Bassoon (at school)

When the only bassoonist at



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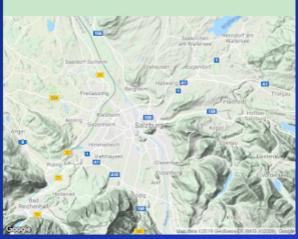
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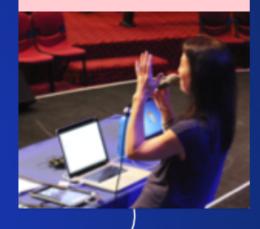
Piano

I started learning when I was 5 years old. The best foundation for learning any other instrument!



Singing

Singing has always been a big part of my life and I've spent a lot of time in choirs and small a cappella groups.



Ukulele

My new favourite thing! My son Josh and I are learning together. He's better than me, especially at strumming patterns and chucking. I win on finger picking though!



Inspiring musical TED Talk

There are SO many great TED talks, but one of the ones I continually come back to is this one by Benjamin Zander. I was lucky enough to see him speak live and watch him work with the Australian Youth Orchestra in Sydney some years ago. A friend and I met him afterwards and interviewed him for a job we were involved with at the time.



Bassoon (at school)

When the only bassoonist at school left, I decided to take it up. In secret. Without my oboe teacher knowing. He found out and told me I had to make a choice...!

Instruments I play

Some of the instruments I play and one I don't (anymore...)







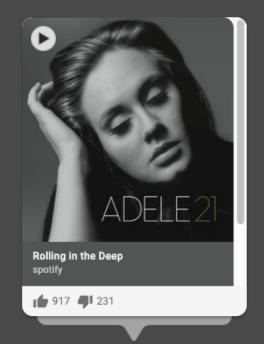
Gallery 0 16m

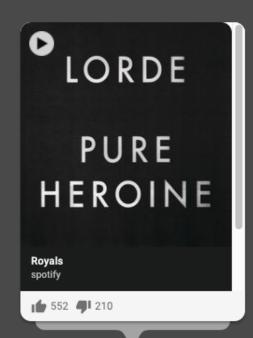
Timeline: Grammy Songs of the Year 2010-

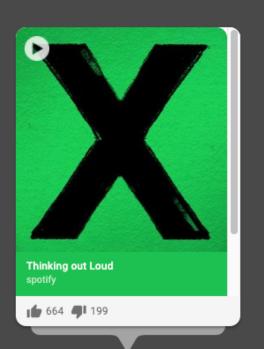
A visual timeline of the Grammy Songs of the Year Winners.



1195 🜗 261



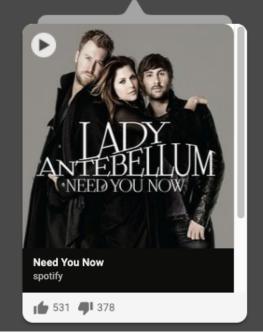


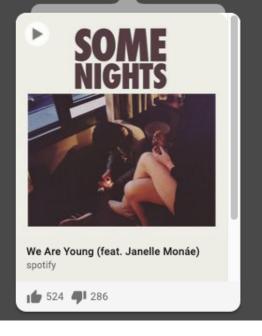


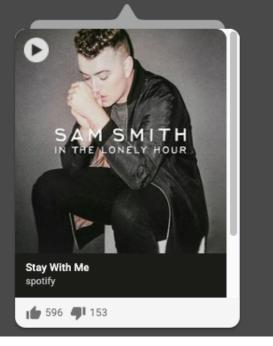


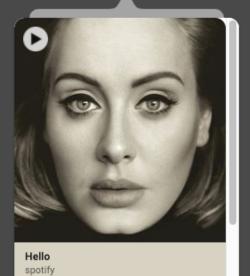














padlet

Hi, **Katie**Burning the midnight oil, huh?









Recents

Made

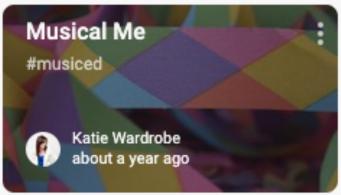
Shared

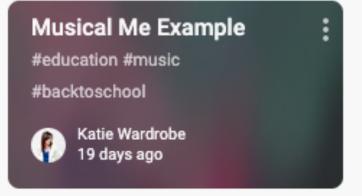
Liked

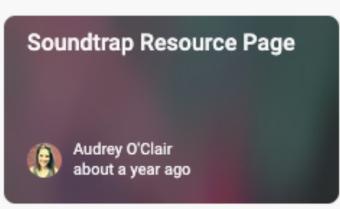
Archived

NEW FOLDER

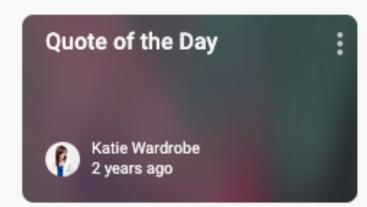










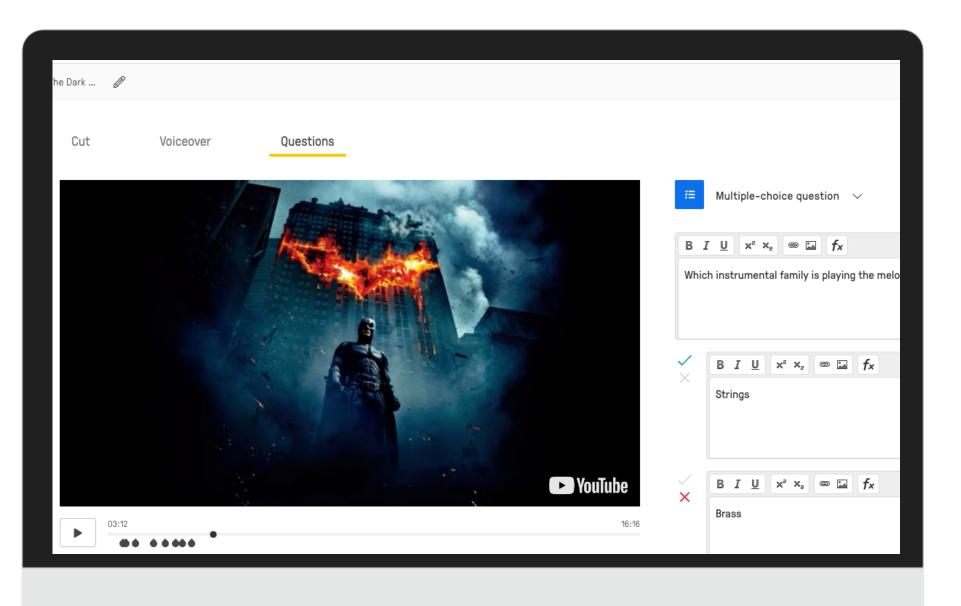


video quizzes

EDpuzzle

- add questions to videos
- check for understanding
- use/edit other teacher's quizzes
- open class option no sign in required
- free account = 20 videos



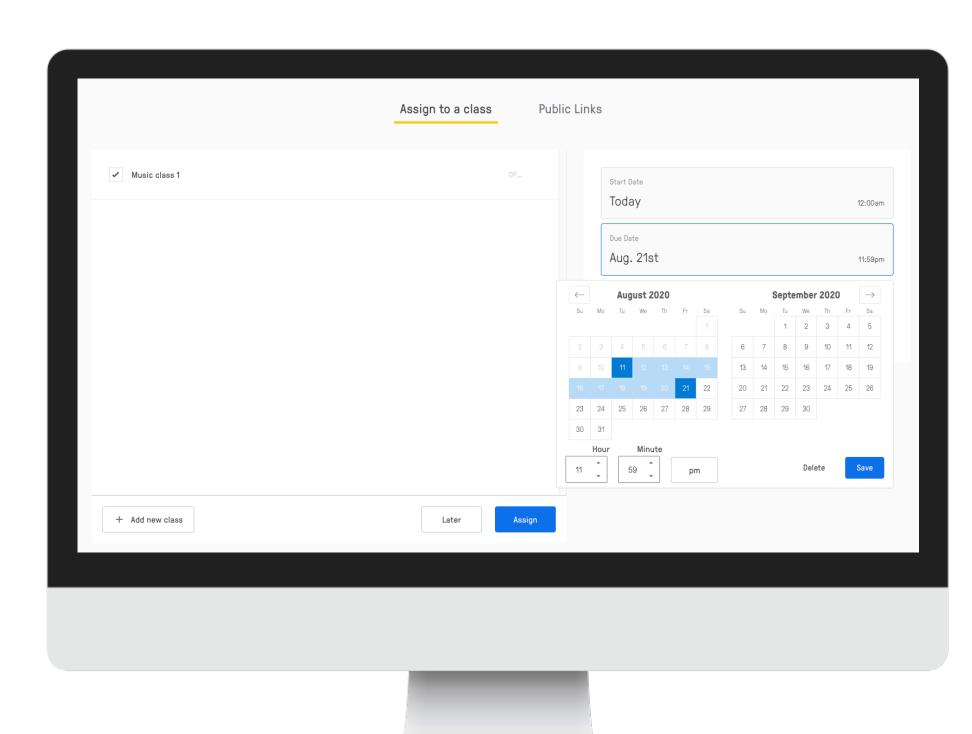


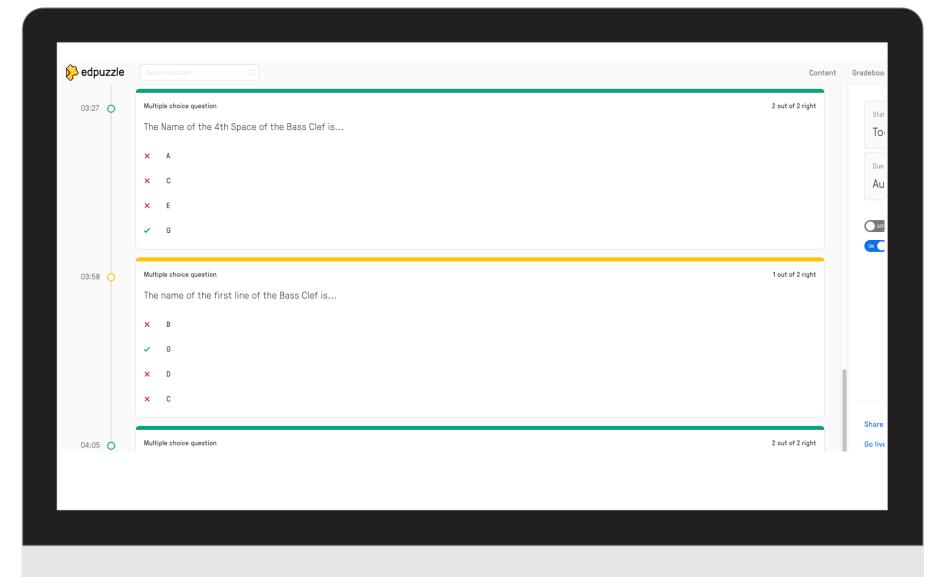
editing options

- add multiple choice, open ended questions or note
- cut unwanted parts of video
- add a voiceover (replaces original video audio)

how to share

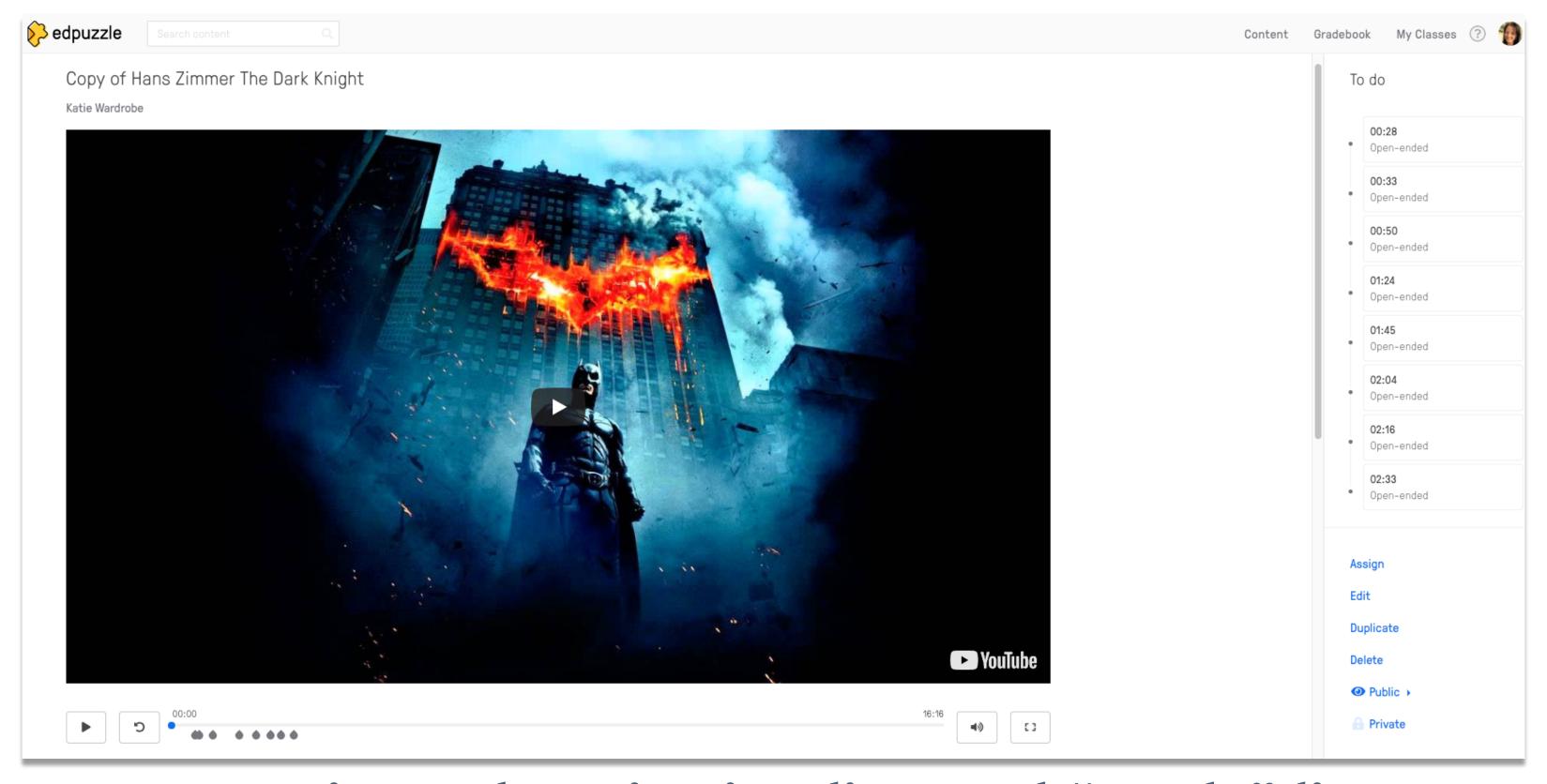
- assign to your class
- copy assignment link & post (LMS, virtual classroom)
- embed in LMS



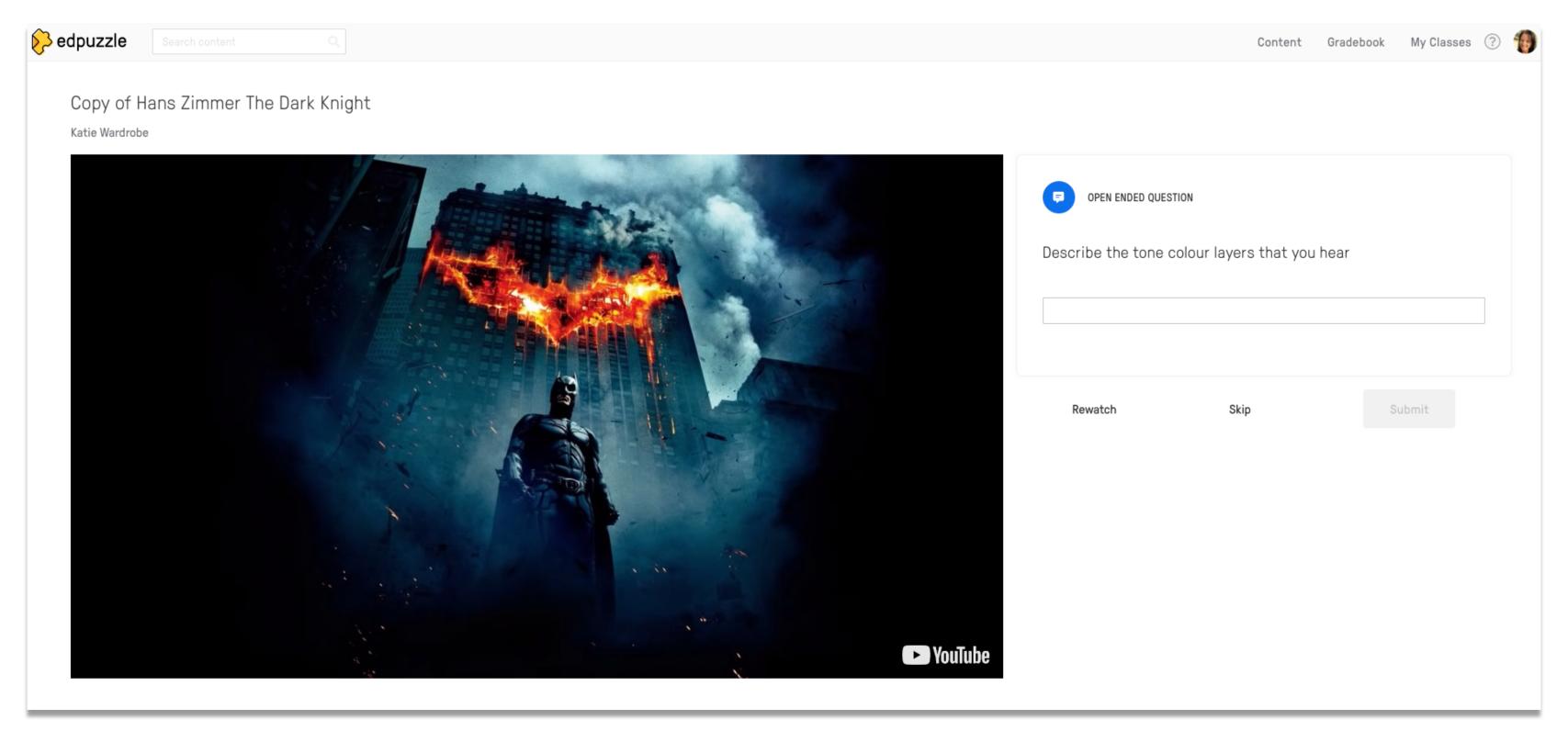


grading

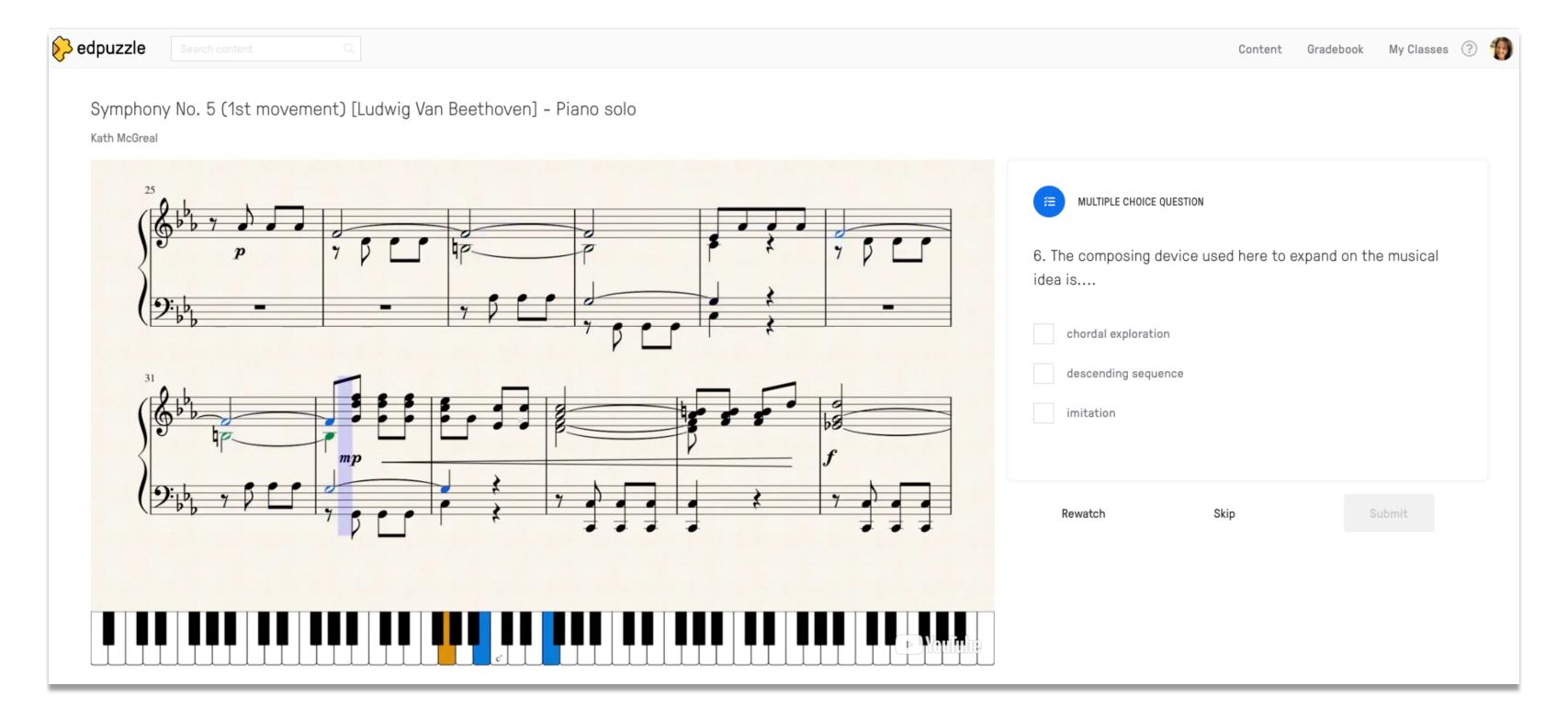
- mulitple choice graded automatically
- open ended questions teacher must grade manually



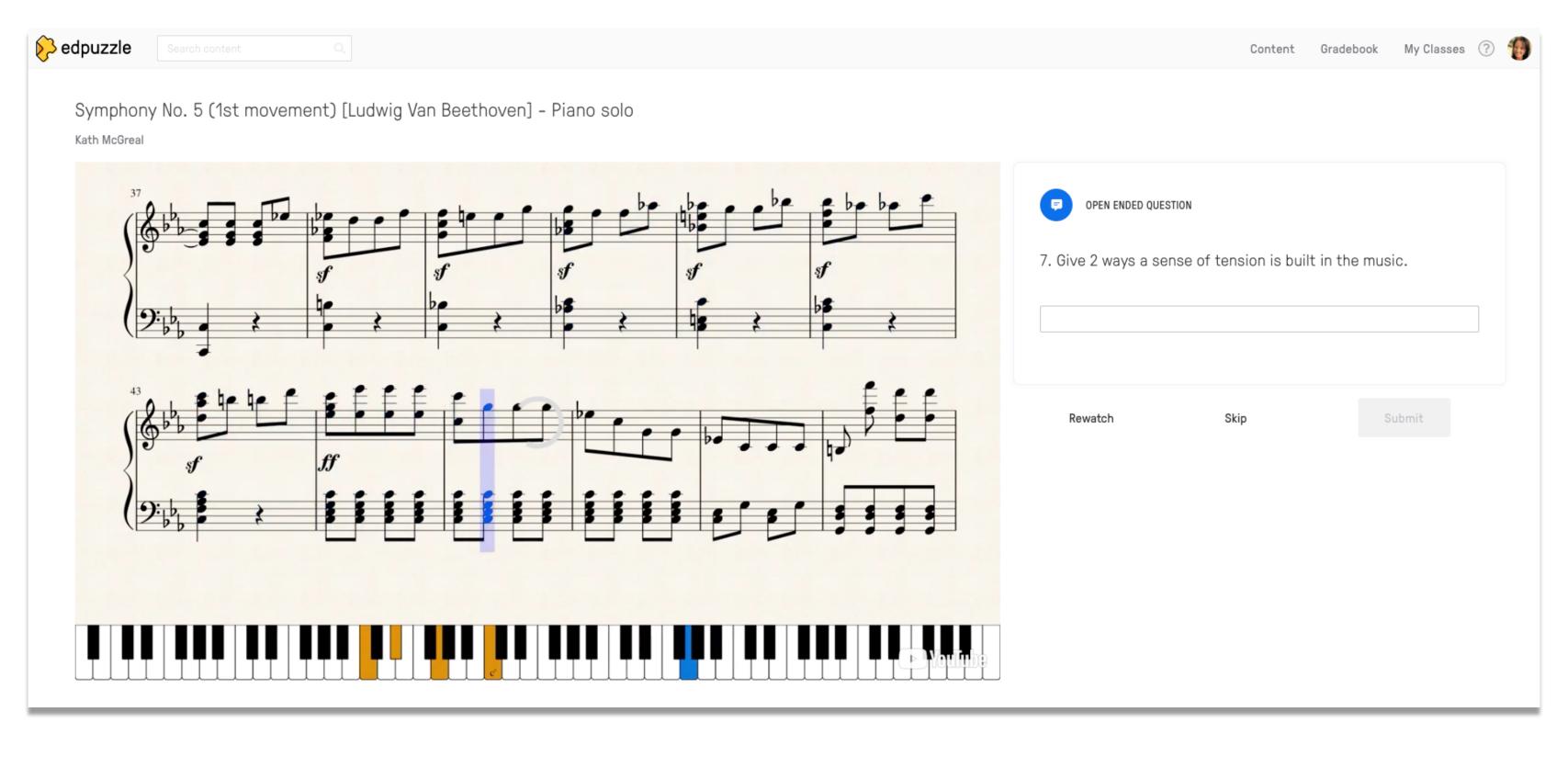
questions show in timeline and "to-do" list



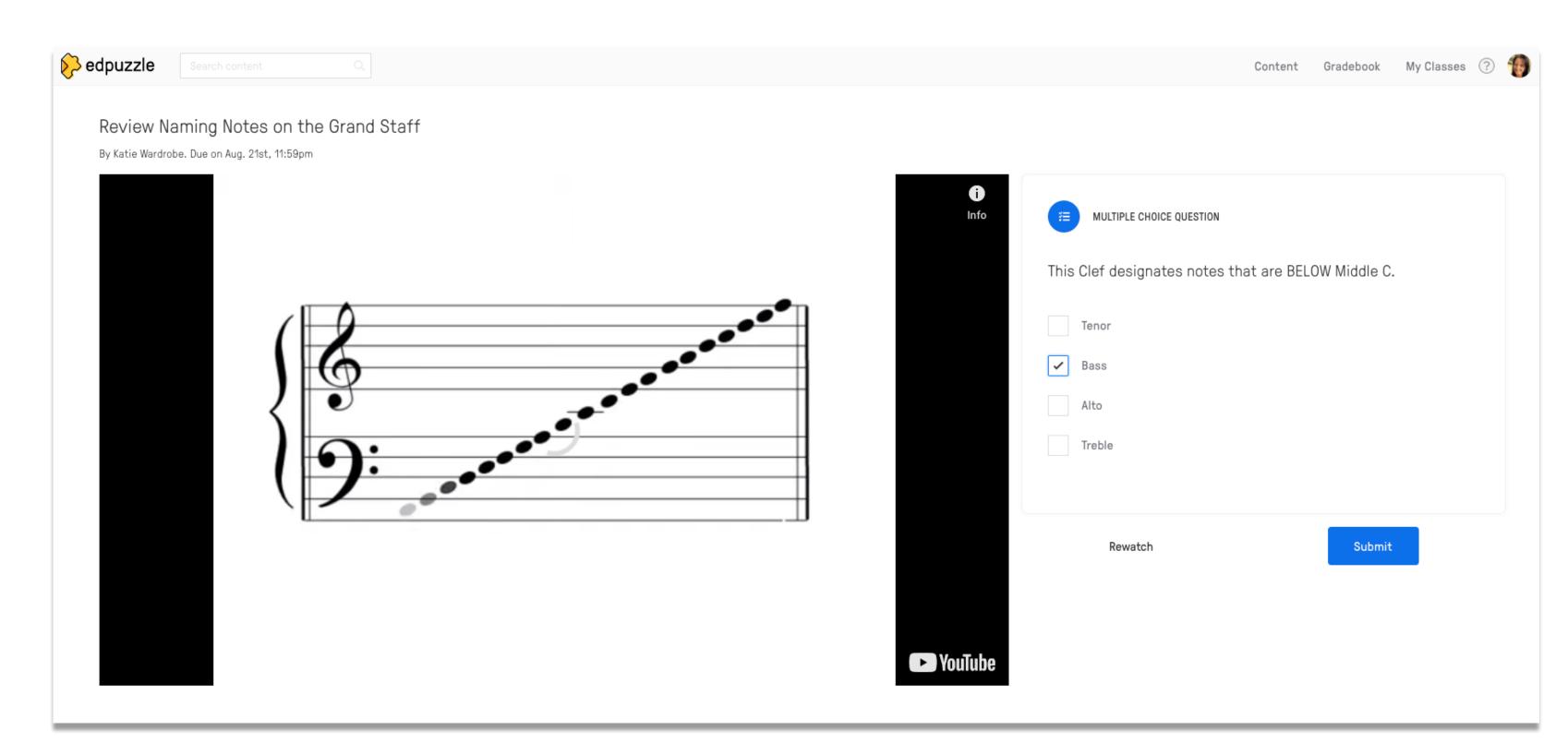
open-ended question



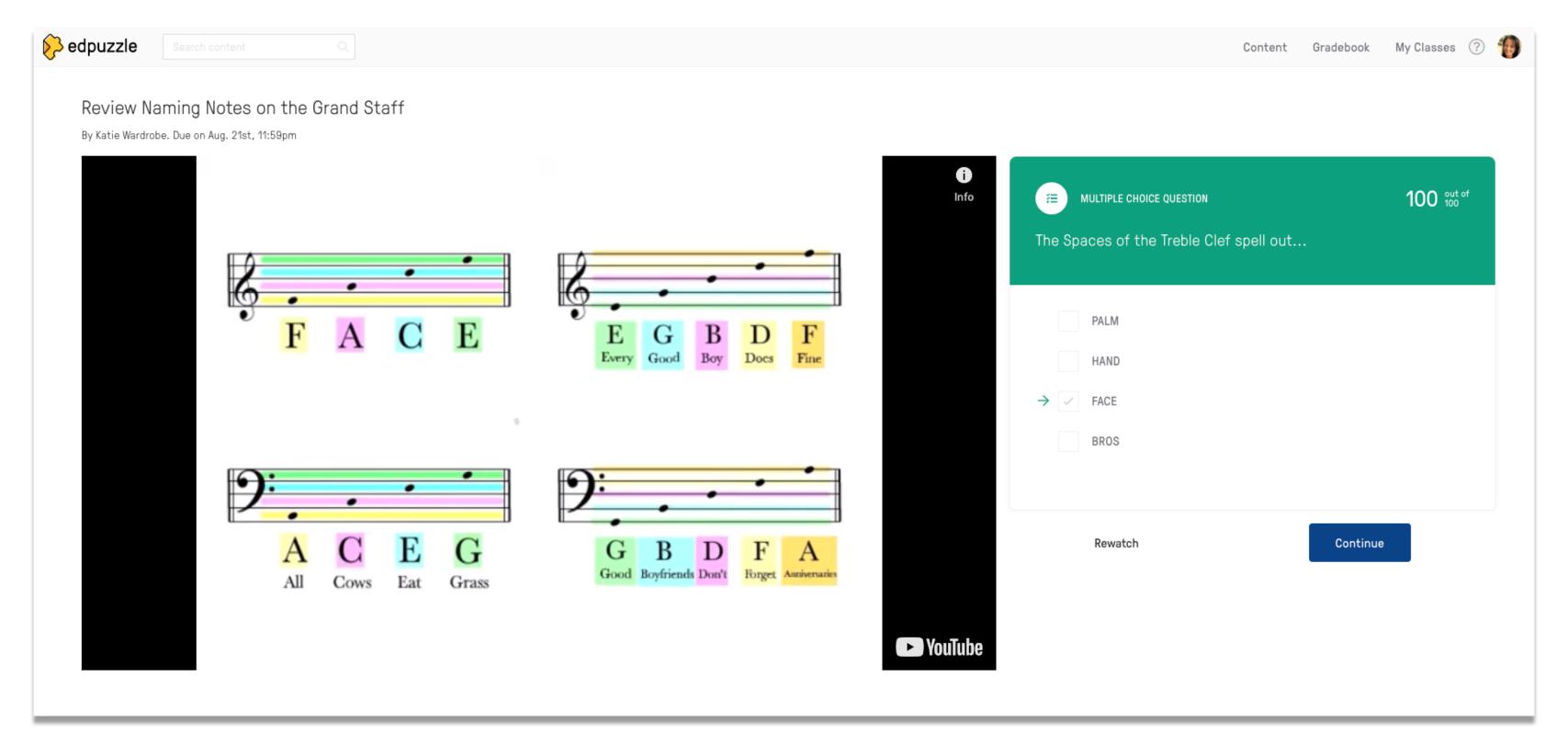
multiple choice question



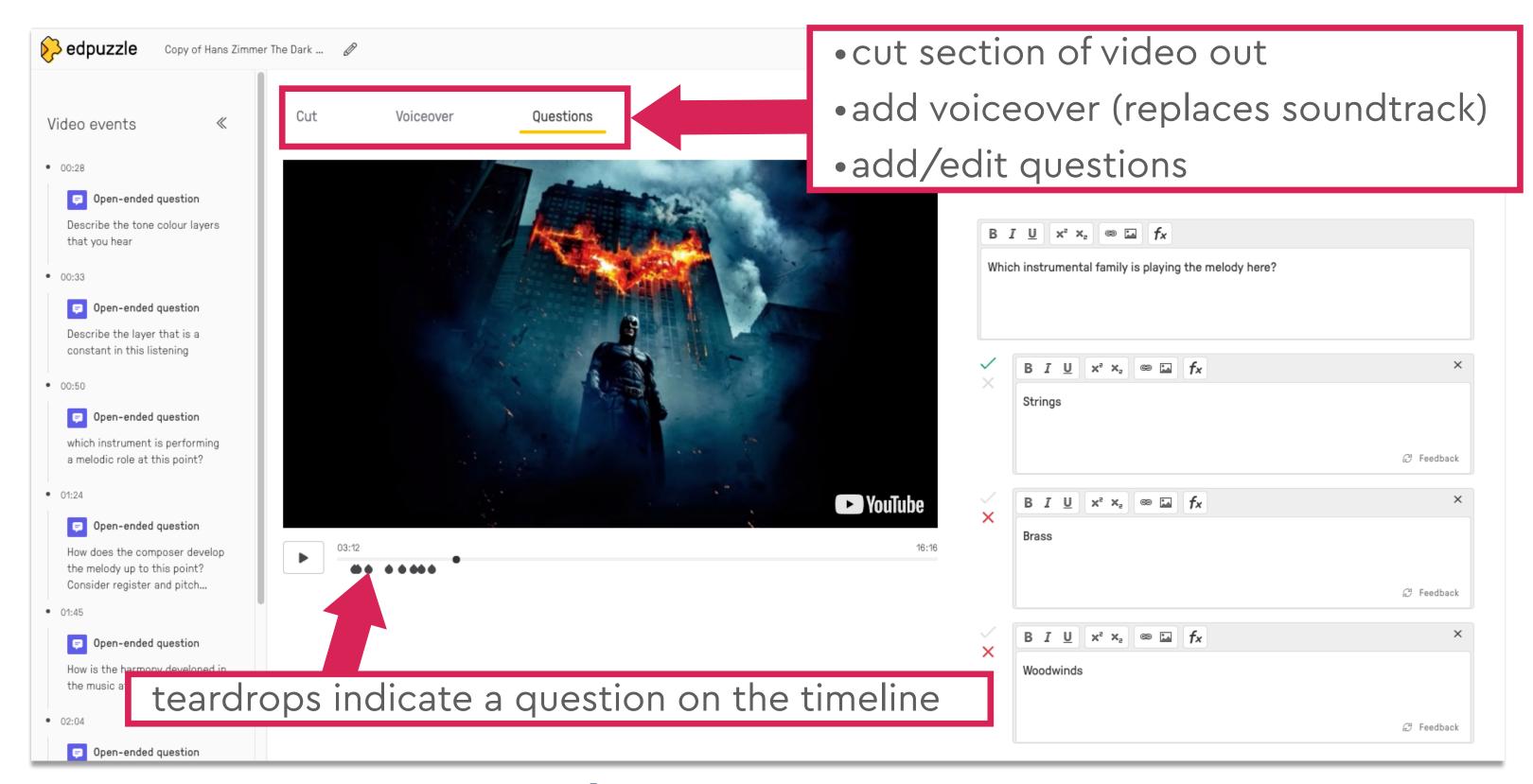
open-ended question



multiple choice question



feedback for students during quiz



editing/adding questions

digital badging

digital badges

motivate students

gamify learning (class &/or individual)

award digital "stickers"



which achievements?

- absolutely **anything** you like!
- mastery of specific skills
- positive behaviour
- displaying values





what you need

- list of levels/goals/criteria
- the badges (they're simple image files)
- a way to distribute the badges

examples!

















Bonnie Shea













Jennifer Keating













Maria Martinez



Julie Froude











Karma Krzysiak Kaylon McGee



Cherie LaDuke



Mary Prestipino



Jenn Jenkins



Jacki James



YEAR 8 GUITAR ACHIEVEMENT BADGES

Ms McGreal Music Class 8A



Level 1

- I can play A7, D and E chords
- I can play '12 bar blues in A' fluently
- I can read treble clef notes
- I can recognise and perform rhythms using crotchets and quavers

Level 2

- I can play minor chords Em and Am
- I can play 'Thinking Out Loud' Ed Sheran
- I can read treble clef notes
- I can read bass clef notes
- I can recognise and perform rhythms using crotchets, quavers and minims.

Level 3

- I can G and C chords
- I can play progressions using all 7 chords
- I can read treble and bass notes with confidence
- I can recognise and perform rhythms using crotchets, quavers, minims and semi quavers

Level 4

- I can play melody notes on E and B string
- I can play riff patterns
- I read treble and bass notes consistently with accuracy
- I can recognise and perform rhythms using crotchets, quavers, minims, semi quavers and rests

Level 5

- I can play melody notes across all strings
- I can play riff patterns
- I can sight read short 2 bar phrases in treble and bass clef
- I can recognise and perform all rhythms learn on class

how to distribute badges?

- print & place on wall chart
- digital chart (whole class)
- digital chart (individual student)
- via badging platform like Badgr



simple table in Google Docs

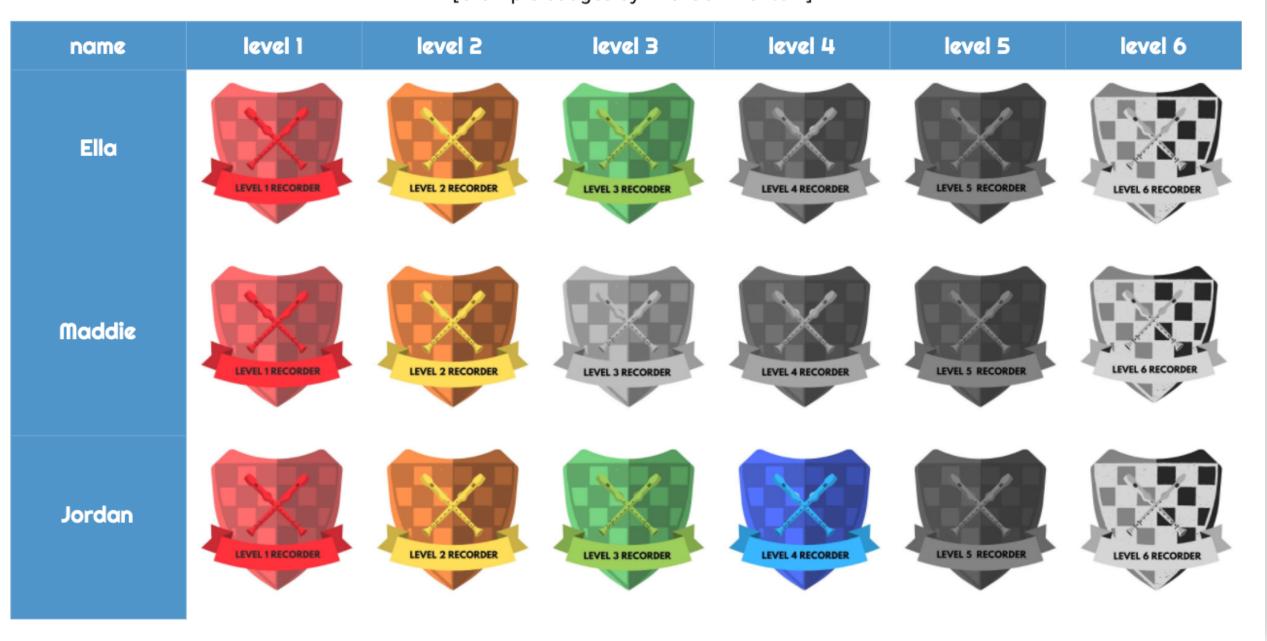
Grade 6 wall of awesome

name	level 1	level 2	level 3	level 4	level 5	level 6
Ella	DRUM SEQUENCING LEVEL 1 PREMIUM CRACE	WOLTHBACK RECORDING LIVEL 1 THE PROPERTY PROPERTY IN THE PROP	VIDEO GAME MUSIC LEVEL 1			
Maddie	AUDIO QR CODES LEVEL 1					
Jordan	VIDEO GAME MUSIC LEVEL 1	DIGITAL POSTER LEVEL 1				
Willow	HER HIE RICKSHALL LIVE I FIRSTER FRANCE					

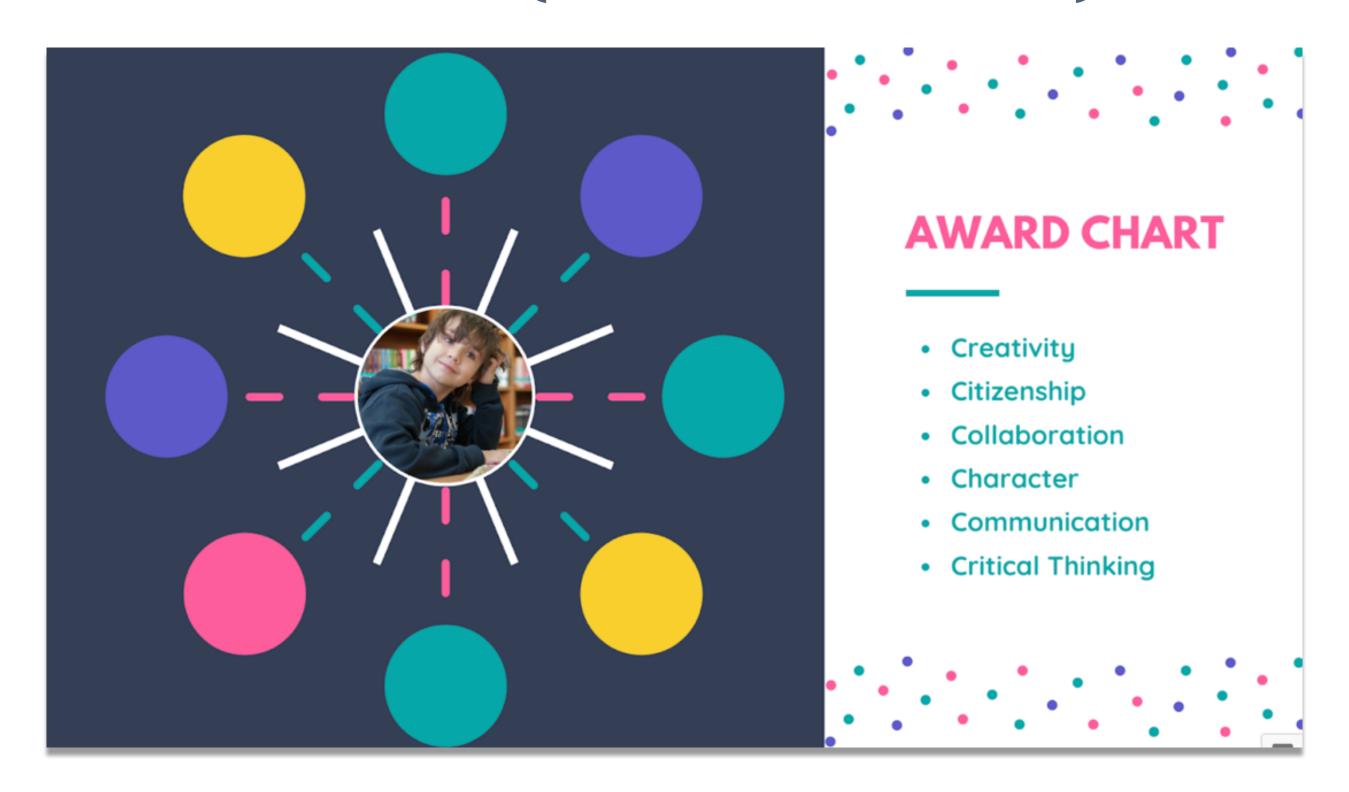
using greyscale

Class Award Chart

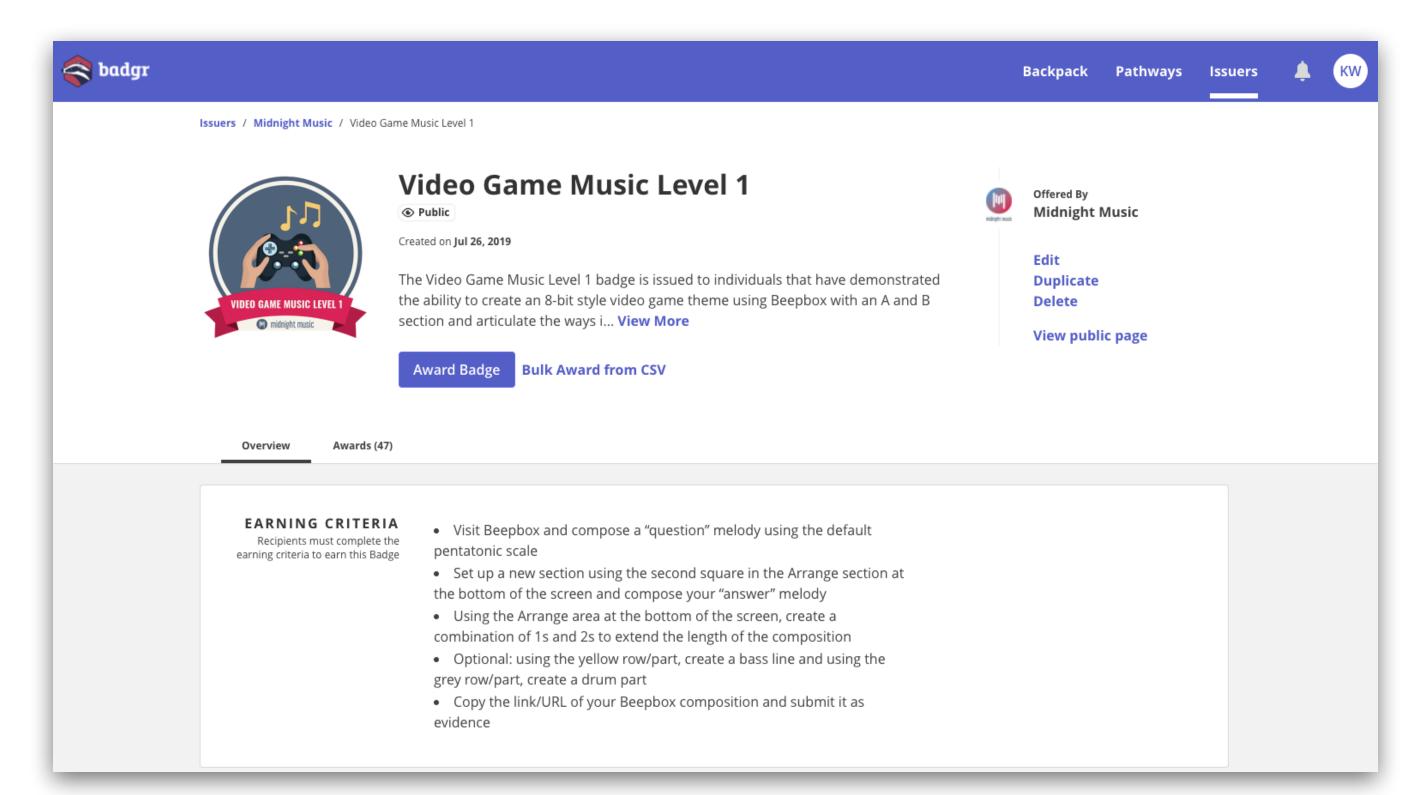
[example badges by Michael Allentoff]



"fancier" charts (created in Canva)



Badgr

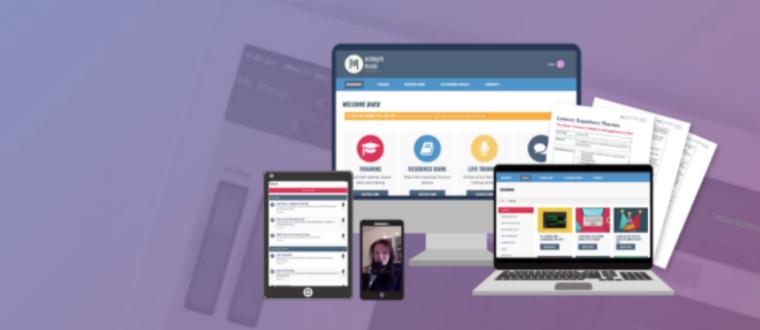


what's next?

what next?

- choose one thing
- learn more about it
- have a go!





introducing...

the midnight music community

An online community where music tech professional development, lesson ideas, and accountability come together.

JOIN THE COMMUNITY!

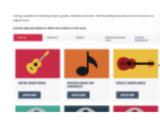




More than 220+ hours of Online Music Tech Courses

More than standard how-tos, these courses teach you about software from an **educationspecific angle.**

Courses and training materials for: iPads, Chromebooks, Macs/PCs. Includes GarageBand, film scoring, video game composition, songwriting, beginner tech ideas, simple lessons using free resources and more



The Music Tech Resource Bank

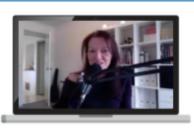
A growing collection of resources that you can use for your lessons. Includes video clips for film scoring, notation images for worksheets, guitar and ukulele chord images, audio samples, remix stems, worksheets, listening response sheet, handouts, guides and more.

Rest assured – all content is appropriate for student use.



Private Members-Only Forum

Connect with other music teachers just like you! **Ask questions, share ideas, and collaborate** on solutions to problems. I am in the forums daily to personally answer questions, offer advice, and give step-bystep assistance



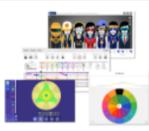
Monthly **Live Trainings and Q&A's** with Katie

Each month, we run a live training for members which includes a **Q&A session.** Ask any music tech questions you like!



Personalised PD Certificates

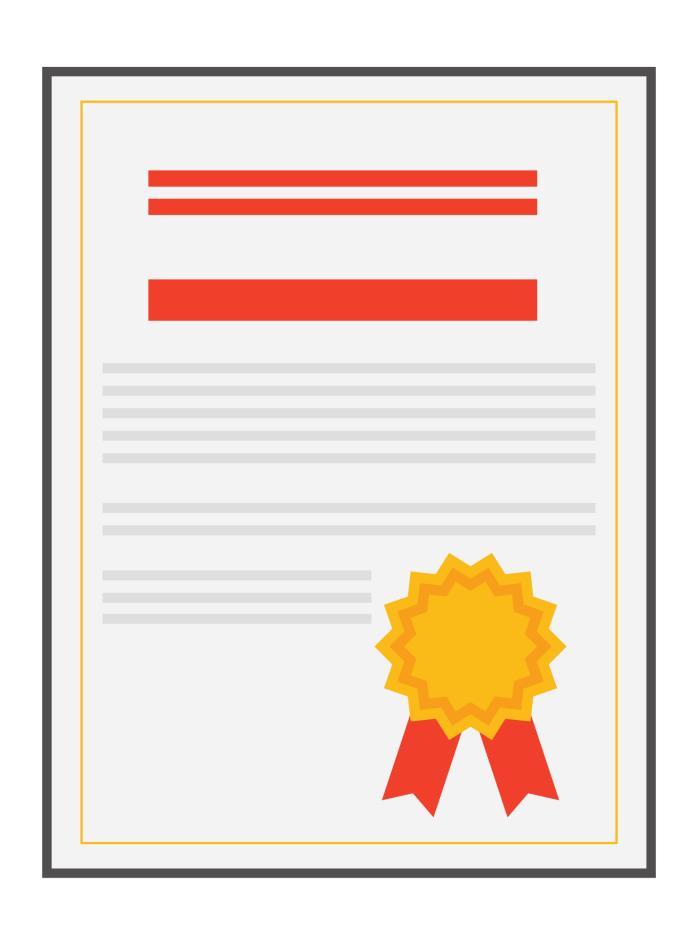
Receive personalized professional development certificates of attendance on completion of online training. Perfect for professional development record-keeping!



Music Tech Lesson Ideas

Discover engaging lesson ideas for iPads, laptops, Chromebooks, and BYOD. Includes walkthrough videos and extra resources like printable guides, worksheets and checklists.

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pd certificate

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thank you!

- webinar replay link to be sent within 24 hours
- copy of my slides
- PD certificate form
- other useful links

question & answer time what would you like to know?

