

Techie Teaching Tools for Non-Techie Types

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A little bit about me...

- Physical therapist & owner of Back in Step Physical Therapy
- Most applicable to this presentation:
 - Clinical Senior Instructor, University of Colorado Anschutz Medical Campus
 - Guest Lecturer, University of Northern Colorado
 - Guest Lecturer, Cherry Creek Innovation Campus

Today's Topics

- Quiz & Poll tools
 - Socrative
 - Kahoot
 - SurveyMonkey
- Group work
 - Zoom breakout rooms (covered in previous presentation)
 - Google docs/sheets
 - Mindomo

Today's Topics

- Other teaching tools
 - Zoom whiteboard
 - Aww Whiteboard
 - Flood the Chat

Today's Topics

- Taking it above & beyond
 - OBS Studio
 - Camtasia
 - Screencast-o-Matic
 - YouTube
 - VideoScribe

- We will also be discussing how some of these can be utilized even in the traditional classroom setting.

Quiz & Poll Tools

Socrative

- <https://socrative.com/>
 - Free versions:
 - Allows one room, one activity at a time
 - Up to 50 students
 - Paid versions, including higher ed/corporation:
 - \$100/year
 - 20 rooms, 20 simultaneous activities
 - Up to 150 students per room

Socrative

- What I like about it:
 - Very easy and intuitive to use as the teacher and student
 - A couple of quiz formats
 - Allows you to provide explanations within the quiz after the student answers
 - Fun in person too
- What I don't like:
 - Free version – limited at 50 students

Socrative

Let's try it out! (this is the free version)

- First I'll build a quiz.
- Now, let's run the quiz:
 - Play along!
 - Room name: ARMS
 - Two options:
 - Traditional quiz launch
 - Space Race

Kahoot

- <https://kahoot.com/schools-u/>
 - Free versions:
 - Allows one room, one activity at a time
 - Paid versions:
 - \$3 - \$15/month
 - Provides access to additional images
 - Allows for other quiz formats, including polls, puzzles, open-ended questions, etc.
 - Allows slides in between questions for explanations

Kahoot

- What I like about it:
 - Pretty easy to use
 - Has some premade quizzes & already built-in visuals
 - Fun in person too
- What I don't like:
 - Can feel fast/noisy as a student
 - Rewards you for speed of answer in addition to correct answer – not ideal for some students

Kahoot

Let's try it out! (this is the free version)

- First I'll build a quiz.
- Now, let's run the quiz:
 - Play along!

SurveyMonkey

- <https://surveymonkey.com/>
 - Free versions:
 - Unlimited surveys, but only up to 10 questions and 40 responses per survey
 - Does not allow for addition of explanations
 - Limited sharing and data analysis
 - Paid versions:
 - \$25 - \$99/month with discounts for educators (down to \$5 - \$70/month)
 - Increases in options across the board

SurveyMonkey

- What I like about it:
 - Very easy to build and look at responses
- What I don't like:
 - To have full functionality, it's much more expensive unless you're sharing with other users.

SurveyMonkey

Let's try it out! (this is the free version)

- First I'll build a survey.

- Now, let's look at a previous survey.

Group Work

Zoom Breakout Rooms

- Covered in previous presentation, so we're going to save the time now!

Google Docs/Sheets

- Available with any Gmail account
- Allows live changes in a document from multiple resources
 - Need to be clear about who should be changing what
- Can track changes more specifically with additional setting changes
- Can purchase a more “secure” version for about \$5/month
- Great for using in the classroom during group work too
- [Google Docs Demo](#)

Mindomo

- <https://www.mindomo.com/mind-maps-for-education#teach>
- Free version:
 - 3 mind maps w/sharing, publishing, and collaboration
- Paid versions:
 - Up to \$9/month
 - 2 teachers, 80 students, 30 assignments/teacher

Other Teaching Tools

Zoom Whiteboard

- Already built-in to Zoom
- The person who started sharing a whiteboard can create & switch pages
- You can do simultaneous screen sharing with certain settings, but it only works with dual monitors enabled.

Aww Whiteboard

- <https://awwapp.com/>
- Free version
 - Can write, draw, erase
 - Able to share or duplicate & share
- Paid versions: (\$9/month)
 - Can be exported to PDF in paid version
 - Integrates in Google Classroom

Flood the Chat

- Just using the chat function in Zoom!
- Use a slide to cue you when to use it or be spontaneous



FLOOD THE CHAT: What
did you have for
breakfast this morning?

Taking It to the Next Level

OBS Studio

- <https://obsproject.com/>
- Free download
- Looks overwhelming at first, but actually very easy to use
 - Great tutorials on YouTube
- Great for recording content – can manipulate cameras, mics, desktop, etc.

Camtasia

- <https://www.techsmith.com/video-editor.html>
- One time fee \$169-\$300, depending on the plan
- Free trial available
- Allows you to record content (desktop or webcam)
- Can add effects, music, audio, titles
- Can record presentations, quizzes

ScreenCast-o-matic

- <https://screencast-o-matic.com/>
- Can record the screen, webcam, or both
- Free version:
 - Can record up to 15-minutes for free
 - Will only capture narration, no computer audio
- Paid versions:
 - \$2 to \$4/month
 - Paid versions allow recording of computer audio
 - Allows unlimited recording time
 - Free 30 days trial of video editor

YouTube

- My YouTube Channel
- Easy to upload finished videos
- Can be uploaded as:
 - Public – anyone can see it
 - Private – must be invited, only up to 50 people, must have the link
 - Unlisted – invisible in searches, but anyone with the link can see and share

VideoScribe

- <https://www.videoscribe.co/en/>
- Free trial available
- Paid plans for up to \$35/month

- Can create videos with images, music, writing, voiceovers
- Paid plans allow some higher quality

My Top Picks

- Quizzes/Polls: **Socrative**
- Group work: **Google Docs/Sheets**
- Engagement during Zoom: **Zoom Whiteboard & Flood the Chat**
- Pre-recording: **OBS Studio**
- Video editing: Video editing through **Microsoft Photos** (came on my computer)