

Technology for Teaching Online Resources

Read/Watch/Try - Audio Production

Read:

- [4 Ways to Make Your Audio In Your Courses Better](#)
- [How to Use Audio to Enhance Your E-Learning Course](#)

Watch:

- [Brain Rules: Sensory Integration](#)
- [Julian Treasure: The 4 ways sound affects us](#)

Try:

- **Audio:** Below are some options for audio software and hardware. Take a look at at least two (software) programs and choose one to create a short audio clip that you will be uploading to the class as your assignment. Details will be provided with the assignment.
 - **Audacity** – free audio recording and editing program. Easy to use and download.
 - **Incompetech** – royalty free background music. You can search by genre or feel.
 - **Acoustica** – A relatively cheap option that made the top ten audio editing software of 2016 (3). It costs \$39.95. You can also download a free version to give it a try.
 - **Adobe Audition** – Great software, but may be more than you need or want. It is \$19.95 a month, but much cheaper for education. **All Adobe products offer a 30 day free trial of the full product.**
 - **WavePad** – I haven't tried this software, but it is recommended as the best audio editing software of 2016. It costs \$49.95.
- **Audio Hardware:**
 - **Headset** – There are many options, but I recommend **LogiTech**. We've used them for a long time and they are reliable and relatively cheap. The price runs from \$30 to 70 (wireless) and are plug and play. The gaming devices are more expensive, but really not necessary for creating course content.
 - **Microphone** – There are many options here as well. One great one is the **Yeti** (approximately \$120 dollars). It is more expensive than most, but gives really high quality output and is easy to move around and can be used for one, two or multiple speakers. If you are planning on doing a lot of audio presentations and/or adding audio to your presentations, it is something to consider.
 - **Podcasts** – There will be times when you have students/staff who have reading disabilities and a podcast can help them to meet the class demands. The following will help you to create a podcast without spending money:
 - **Podomatic**– easy free podcast creator.
 - **BufferSocial** - 19+ Free tools to start your podcast from scratch.

Read/Watch/Try - Video Production

Read:

- [10 Best Practices for Teaching Online](#)
- [How to use a Smartphone in the Classroom](#)
- [10 Principles for Online Teaching](#)

Watch:

- [Brain Rules: Vision](#)
- [Sal Khan: Let's use video to reinvent education](#)

Try:

Video Software:

- **Windows**
 - **MovieMaker** (free) Great for making videos of still photos and editing video from your camera. Easy to use and to master.
 - [MovieMaker Tutorial](#) (Video with how to from install to edit - 11 minutes)
- **Adobe:**
 - **Captivate** (30 day free trial and \$159 for educator license) - A very complex program that allows you to manipulate PowerPoint, video, audio with interactive training capabilities.
 - [Captivate Tutorials](#) (multiple videos)
 - **Spark Video** (free) A terrific program that is easy to use for short videos. Terrific for advertising a course, giving a bit of information, etc. It comes with Spark Post, for creating images to put in Spark Video and Spark Page for creating webpages. Each has templates, images and icons for your use as well as the ability to upload your own.
 - [Spark Video Tutorial](#)
- **TechSmith options:** (free trial for SnagIt and Camtasia)
 - **Jing** (free) "Jing® is a computer service that lets you capture basic video, animation, and still images, and share them on the web." TechSmith website.
 - [Jing Tutorials](#) (multiple videos)
 - **SnagIt** (\$29 for education license, \$49 for other) "Capture anything on your screen with the ultimate screen capture tool. With version 12, you can record screen videos, enhance your images, work efficiently, and share to even more destinations." TechSmith website.
 - [SnagIt Tutorials](#) (multiple videos)
 - **Camtasia** (more robust but at a higher cost) "Camtasia goes beyond most screen recorders allowing you to edit your recordings and produce videos without switching between apps." TechSmith website.

It is similar to Adobe Captivate with fewer options for about the same price. I would recommend Captivate, if you are going to spend the money.

- [Camtasia Tutorials](#) (multiple videos)

- [EDpuzzle](#) – free video editing software for teachers and students. Check it out. It’s pretty cool.
- [FileLab Video Editor](#) – free. A lot like MovieMaker, but worth checking out.
- [Metta](#) – free to \$108 for Pro. According to the site I found it on you should, “Use Metta for your learning stories, documentaries, summaries, compilations, coverage or for your research & curation work.”
- [TubeChop](#) – free – When you find a video on YouTube that is perfect, but has more than you need. Use this software to crop the video to what you want and then copy it.
- [WEVIDEO](#) – free to \$39 for personal but more expensive for schools – Personalized storytelling

Read/Watch/Try - Presentations

Read:

- [The Complete Guide To Creating A Captivating Professional Presentation](#)

Watch:

- [Brain Rules - Attention](#)
- [The 4 Steps to Create Great Presentations @allisonhaag](#) from [Teachable](#)

Try:

- **Adobe:**
 - [Spark](#) - (free) A program that can be used with your browser and your iPhone/iPad or Android. It has templates and options for photos, icons and easy to add voice over and music. Included is Adobe Post and Adobe Page, which help you to create images and pages for your productions.
 - [Captivate](#) - (\$159 for an education license. Considerably higher for non-education) – a wonderful, very robust program, but at a cost and takes considerable time to become proficient.
 - [Presenter Video Express](#) - Adobe video editing software.
 - [Color CC](#) - A great way to pick a color palette for your presentation
- **Windows**
 - [MovieMaker](#) (free) Great for making videos of still photos and editing video from your camera. Easy to use and to master.
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- **Apple**
 - **Keynote** (MAC) - Apple version of PowerPoint
- **Apps:**
 - **Three Free Stop Motion Apps**

Gaming & Education Software for Teaching

- **Webucate –Dragster 2** - (free) earlier version of Dragster 3. Draggable text and labels but not images.
 - [Example of Dragster 2](#) used for a STEM project.
- **Webucate –Dragster 3** - (\$64) Drag labels, text, images, feedback, SCORM compatible, etc.
 - Example of the [parts of a volcano](#)
- **Sheppards** - (free) gaming software for teachers – no ads, includes math games.
- **Flippity.net** - (free) great way to make flash cards for follow-up training and allows you to add images, videos and voice. It is free and easy to use. There is also an online Jeopardy game, certificate maker, etc. Check it out!
- **Noble Prize educational games** - Really wonderful and something you could make using Captivate, Camtasia or Articulate and with more work, PowerPoint and Snagit. Here's a game I particularly liked - [Split Brain](#)
- **PresenterMedia.com** - (\$49) A great site for animated PowerPoint presentation templates. A nice way to punch up your presentation and get attention.
- **WolframAlpha** - A wonderful search tool for all things educational. Need a unit or measure, the date of a historical event or have a physics question or want some demographics, this is the site for you.
- **Quizlet** - learning tools and flashcards for free
- **Slidshare** - great asset for online learning presentations that are shared
- **Khan Academy** - a wonderful free site with training in all things science and math related