

# Empowering Student Learning via Digital Media Creation Resources & Tools

Arlene R. Courtney  
Western Oregon University  
[courtna@wou.edu](mailto:courtna@wou.edu)

*Educating Electrons, an educational technology blog*

- occasional postings about tech tools useful for education (<http://www.wou.edu/wp/courtna/>)
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## Audience Response Systems

- Turning Technologies - <https://www.turningtechnologies.com/>
- Socrative- <https://www.socrative.com/> (cellphone -free for use with up to 50 students per session)
  - Youtube demo (3 min): <https://www.youtube.com/watch?v=EGr53IA91MU>

## Screen Cast Development Tools

Presentation software:

- Powerpoint (Win/Mac)
- Keynote (free, Mac/iOS)
- Apache OpenOffice Impress (open source, free Win/Mac;  
<https://www.openoffice.org/product/index.html>)

Screen Recording Software:

- TechSmith Camtasia 2018 (Win/Mac, \$169 education, <https://www.techsmith.com/video-editor.html>)
- Telestream Screenflow (Mac, \$116 education, <https://www.telestream.net/screenflow/>)
- CamStudio (Win, free, <https://camstudio.org/>)

Screen Capture Software:

- Jing (Win/Mac, free, sample part of screen and some annotation tools, <https://www.techsmith.com/jing-tool.html>)
- Snagit (Win/Mac, \$29.95 education, Jing on steroids!, <https://www.techsmith.com/screen-capture.html>)

## Video Production Tools

- Adobe Premiere Elements (Win/Mac, \$99.99, <https://www.adobe.com/products/premiere-elements.html>)
- VSDC (Win, free, <http://www.videosoftdev.com/free-video-editor>)
- VideoPad (Win, free, <http://www.videosoftdev.com/free-video-editor/download>)
- iMovie (Mac/iOS, free, Apple appstore)
- FilmoraGo (iOS/Android, free, <https://filmora.wondershare.com/filmorago-video-editing-app/>)
- Wondershare Video Converter Ultimate (Win/Mac, \$49.95, do anything with video/audio files, <https://www.wondershare.net/reference/video-converter-ultimate.html>)
- Filmora9 Video Editor (Windows/Mac, \$59.99 Lifetime and Student plan, <https://filmora.wondershare.net/filmora-video-editor.html>)
- Green Screen by Do Ink (iOS, \$2.99, iOS App store)
- Inexpensive microphones (snowball and snowflake recommended, <https://www.bluedesigns.com>)

## Free Music – Copyright Free or Creative Commons

- Melody Loops (<https://www.melodyloops.com/>)

- Ultimate List of Free Music for eLearning Development (<https://elearningindustry.com/ultimate-list-free-music-elearning-online-education>)

### Podcasts

- BBC World Service Elements – a look at the chemical elements download as mp4 files (<https://www.bbc.co.uk/programmes/p01rcrn6/episodes/downloads>)
- The Naked Scientists – Science podcasts (<https://www.thenakedscientists.com/science-podcasts>)
- ChemistryWorld-chemistry podcasts plus much more (free after registering, <https://www.chemistryworld.com/>)
- TeachThought podcast (<https://www.teachthought.com/>)

### Audio Recording/Editing Tools:

- Audacity Audio Software (Win/Mac, free-open source, <https://www.audacityteam.org/>)
- Ferrite Recording Studio (iOS, free, iOS app store)
- WavePad Audio Editor ( Win/Mac/iOS/Android, free, <https://www.nch.com.au/wavepad/index.html>)
- Auphonic for audio leveling (free for 2 hrs of processed audio per month, <https://auphonic.com/>)

### Podcast Hosting:

- PodBean – free hosting (<https://www.podbean.com/>)
- Podcast Machine – free up to 1 GB (<https://podcastmachine.com/>)

### Book Creation

- PBworks – Wiki (online, free for education, [www.pbworks.com](http://www.pbworks.com))
- Book Creator – create e-Pubs (iPad/Chrome, 1 library with 40 books free, <https://bookcreator.com>)

### Infographics

- Canva – the everything graphic design solution (online, free, <https://www.canva.com/>)
- Piktochart (online, \$39.99/year, <https://piktochart.com/>)
- Easel.ly (online, free, [www.easel.ly](http://www.easel.ly))
- Animaker - animated infographics (online, free for 2 min video, <https://www.animaker.com/>)

### Comic Generation

- Toondoo (online, free, <http://www.toondoo.com/>)
- Stripgenerator (online, free, <http://stripgenerator.com/>)
- Pixton (online, free, <https://www.pixton.com/>)

### Virtual Field Trip

- Google Tour Builder (online, free in Beta, <https://tourbuilder.withgoogle.com/>)
- Two examples of virtual field trips that can be used in teaching a class
  - The Bankhead Story (<https://vimeo.com/13507866>)
  - Bumpass Hell Virtual Field Trip (<https://vimeo.com/12955764>)

You can view some student generated videos from a non-science majors General Science class on Vimeo (<https://vimeo.com/user4160880>)