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Using Digital Tools to Foster Social Practices Contributing to Connected Learning

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**Handout: MN elearning Summit:** Using Digital Tools to Foster Social Practices Contributing to Connected Learning  
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rbeach@umn.edu #rbeach  
Link to this handout: https://goo.gl/UAo0wP

**Related resource sites for use of tools and apps:**

Digital writing website

Apps for literacy learning website

Apps for use in specific subject matter areas


Using Screencasting Tools to Engage Students in Self-Reflection about Use of Transfer

**Screencasting apps**


YouTube: Using ShowMe on the iPad [http://tinyurl.com/mt3z48u](http://tinyurl.com/mt3z48u)

YouTube: ShowMe iPad Tutorial [http://tinyurl.com/n3wwooc](http://tinyurl.com/n3wwooc)

YouTube: ShowMe Tutorial [http://tinyurl.com/08rif8h](http://tinyurl.com/08rif8h)


YouTube: Students describe use of Explain Everything [http://tinyurl.com/mnmez5e](http://tinyurl.com/mnmez5e)

For using screencast recordings to engage students in think-aloud self-reflections


Reading to Learn
ReadWriteThink: Strategy Guides for reading in different subjects
http://tinyurl.com/2768c3a

E-Book Reading and Response: Use of annotations with e-books http://tinyurl.com/22a8dqc

Troy Hicks: Read Like a (Digital) Writer http://tinyurl.com/m4or94o

Flipgrid: 8th graders book club responses to books

Related iOS apps: (Highly recommended apps/sites are in bold)
- Text annotation apps. Diigo http://www.diigo.com/education, iAnnotate PDF
http://tinyurl.com/2whcqsj, DocAS http://tinyurl.com/77pcr2u, GoodReader
http://tinyurl.com/y2v9h3g, Readdle http://tinyurl.com/73svvvo

http://tinyurl.com/pyu2mlke, iTunes bookstore http://tinyurl.com/3t8fcdv, Google Books
http://books.google.com, Project Gutenberg http://www.gutenberg.org, Manybooks
http://manybooks.net,

- Text-to-speech. vBookz http://tinyurl.com/4qfww4f (reads aloud books) vBookz PDF Voice
Reader http://tinyurl.com/6vdsa8z (reads aloud PDF files), Write & Say
http://tinyurl.com/79b9gex, Talk to Me http://tinyurl.com/2v8z26y (hear words spoken to them
as they are writing)

Writing to Learn
Writing in Other Core Content Areas http://tinyurl.com/ndlc9aq
Digital writing activities across the curriculum (organized by subject matter)
http://tinyurl.com/kekrsm9

Jennifer Ward: 20% Time Projects: Problem/inquiry based research projects
http://tinyurl.com/kr7vvv

Resources for creating writing prompts http://tinyurl.com/mxwmkog

Persuasion Across Time and Space: Lessons for ELL students http://tinyurl.com/clyhgb9

Redefining the Writing Process with iPads http://tinyurl.com/prryzsm

Note-taking skills http://www.dartmouth.edu/~acskills/success/notes.html
Study: Use of iPads for writing across the curriculum
http://wac.colostate.edu/journal/vol24/ahern-dodson.pdf

Troy Hicks: Digital Writing/Digital Teaching http://hickstro.org

For Planning Instruction: iChoose Tool; developed by Ryan Bisson and Andrea Wilson
Vazquez, Osseo school district: students determining their goals to then select a tool: Flipgrid,
Google Drive, Show Me, Skitch, Subtext, Edmodo, Pic Collage, Popplet, Aurasma, Haiku
Deck; their conference presentation

Related iOS apps


Infographic creation tools


iOS: Easy Charts [http://tinyurl.com/lp7gal8], i Visual info Touch [http://tinyurl.com/kmgyx89]

Android: Photo Infographic Gen Lite [http://tinyurl.com/17ymj42]
- File storing/sharing. Classroom (Google Drive/Docs) [http://tinyurl.com/kvooxye], DropBox [http://tinyurl.com/23ppkd8], SkyDrive [http://tinyurl.com/6t2w2ro], Google Drive [https://drive.google.com/start - home]


- eBook/iBooks production. eBook (produced from Pages on a Mac) and iBooks Author [http://tinyurl.com/875lxd]


Online discussion to learn

- Online discussions: Collaborize Classroom [http://tinyurl.com/86r2w3c], Schoology [http://tinyurl.com/7pbwqh4], Edmodo [https://www.edmodo.com], Moodle [https://moodle.org], Ning (link to Ning sites) [http://tinyurl.com/6vo7bet], Subtext [http://tinyurl.com/9ykogpm]

- Collaborative whiteboards. Groupboard [http://tinyurl.com/7unageo], SyncPad [http://tinyurl.com/5wrg45k], http://tinyurl.com/5wrg45k

- Online role-plays
University of North Dakota Fighting Sioux mascot debate (used with Montana, 1948): Censorship role-play Perks of a Wallflower Beach, R., & Doerr-Stevens, C. (2009). Learning argument practices through online role-
play: toward a rhetoric of significance and transformation. *Journal of Adolescent & Adult Literacy*

Accessing and summarizing information to learn
- **Search engine apps.** Safari (bundled app), Google Search [http://tinyurl.com/73w7p55], Bing [http://tinyurl.com/79k4fk9], Wolfram Alpha [http://tinyurl.com/38hg42e], Dolphin Browser [http://tinyurl.com/6ce6xj], KnowtiLus Pro [http://tinyurl.com/6r3Hy4Z]


- **News curation apps.** Pearltrees: [http://tinyurl.com/6sf5z9g], Flipboard [http://tinyurl.com/6ndawug], Zinio [http://tinyurl.com/yb7r6u5], Google Currents [http://tinyurl.com/8xtv5ng], LiveBinders [http://tinyurl.com/7zpuhe5], Scoop.it! [http://tinyurl.com/7ef7qjk], Pinterest [http://pinterest.com],


Using Images, Audio, and Video to Learn
Related iOS apps

- **Image pinboards/sharing.** Pinterest [http://tinyurl.com/4xtub5b], Instagram [http://tinyurl.com/b4yl47]


- **Image screencasts/annotations.** VoiceThread [http://ed.voicethread.com/mobile], ShowMe
http://www.showme.com, Explain Everything http://www.explaineverything.com,
Screechomp http://tinyurl.com/3qbsc5g, Educreations http://tinyurl.com/bidxmsv
YouTube: Using ShowMe on the iPad http://tinyurl.com/m3z48u
http://tinyurl.com/kgibtwd, Splashdot Whiteboard http://tinyurl.com/mxm262u, Skitch
http://tinyurl.com/newrijk

- Taking photos. iOS Camera (bundled), Camera+ http://tinyurl.com/7awwxbw Picture
  http://www.gigapan.org, Photosynth http://tinyurl.com/3q4zwxv

- Photo editing. Pixlr-o-matic http://tinyurl.com/43fijot, Adobe® Photoshop® Express
  http://tinyurl.com/6mp34fh, Snapseed http://tinyurl.com/3clobca, Instagram
  http://tinyurl.com/36c3exb, 3D Camera http://tinyurl.com/24z8lpo

  http://tinyurl.com/6e9y7q, iDraw http://tinyurl.com/6pujdb, ArtRage
  Photoshop® http://tinyurl.com/3zogy71

- Presentation apps. Keynote http://tinyurl.com/yzctrzu, Microsoft PowerPoint for iPad
  (viewed or edits on an iPad using Prezi Viewer http://tinyurl.com/843gkjm)

- Creating audio files/podcasts. GarageBand http://tinyurl.com/4q59b7e, Voice Memos for
  iPad, http://tinyurl.com/3xhu7jk, SoundCloud http://tinyurl.com/ysdv49v (export into
  Garageband for editing).

- Accessing videos. YouTube EDU http://www.youtube.com/education, YouTube for Schools
  (students create/share videos) http://www.youtube.com/schools, Create your own YouTube
  Channel, Google Videos http://video.google.com, Khan Academy
  http://www.khanacademy.org, SnagFilms (for documentaries) http://tinyurl.com/7lacwo2,
  Academic Earth http://academicearth.org, TeacherTube http://www.teachertube.com,

- Showing YouTube videos in classes. YouTube for Schools (videos appropriate for use in
  schools), ProTube HD ad-blocker http://tinyurl.com/7q46uc), Subscriptions
  http://tinyurl.com/89bqb3u, A Cleaner Internet http://clea.nr
- **Creating videos.** iMovie [http://tinyurl.com/87rgxow](http://tinyurl.com/87rgxow), Avid Studio [http://tinyurl.com/7zwjh4b](http://tinyurl.com/7zwjh4b), ReelDirector [http://tinyurl.com/vbjtk8z](http://tinyurl.com/vbjtk8z), Videolicious [http://tinyurl.com/85qadob](http://tinyurl.com/85qadob), BoardCam Lite [http://tinyurl.com/77adgq3](http://tinyurl.com/77adgq3) (use iPad 2 itself as a document camera to capture live events, activity, or presentations), Coach’s Eye [http://tinyurl.com/7lxyqdu](http://tinyurl.com/7lxyqdu) (records a student and then slows down the physical movement for use in providing recorded feedback), Animoto [http://tinyurl.com/6sgntk2](http://tinyurl.com/6sgntk2), Storify [http://tinyurl.com/76o59fw](http://tinyurl.com/76o59fw) (videos and images including material from YouTube, Facebook, Instagram, and Twitter), 2012 updated iLife iMovie (create music videos), Video Star! [http://tinyurl.com/7v7ubx](http://tinyurl.com/7v7ubx) (create music video; example of students singing a Chuck Berry song: [http://tinyurl.com/73mrnl](http://tinyurl.com/73mrnl)), Digital Storytelling with the iPad [http://tinyurl.com/4oxkb7z](http://tinyurl.com/4oxkb7z), [http://tinyurl.com/4oxkb7z](http://tinyurl.com/4oxkb7z).


- **Teaching video arguments** (builds on the CCSS focus on argumentative writing) [http://tinyurl.com/prcfbyn](http://tinyurl.com/prcfbyn).


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**Digital Tools for Feedback and Self-reflection**

- Audio/podcast files recorded on digital recorders or using Garageband/Audacity to give audio feedback to student writing/blog posts.
- Making comments on VoiceThread to respond to VoiceThread productions.
- Using Diigo http://diigo.com to add annotations/sticky notes to students web-based writing/sites.
- Using VideoAnt: [http://ant.umn.edu](http://ant.umn.edu) for teachers and/or peers add annotations at specific places in a video [http://mediamill.cla.umn.edu/mediamill/display/4592](http://mediamill.cla.umn.edu/mediamill/display/4592).
Using blogs/wikis to create portfolios
http://digitalwriting.pbworks.com/w/page/17812681/PortfolioCreationTools
Using Blogger to Create an E-Portfolio http://tinyurl.com/nw7kej
Troy Hicks et. al, on electronic portfolios: https://www.msu.edu/user/autreyta/aboutme.html

Related iOS apps:

  You upload students’ writing to your computer and then create a video of your highlighting and making comments about their writing that a student can then view to listen to your feedback about specific aspects of their writing as you are reading their text, therefore providing them with spontaneous reader-based feedback.
  Screen cast technology allows teachers or peers to make a video as they scroll through a student’s paper and talk about what they see, perhaps using their cursor or other highlighting methods to call attention to specific words, lines, or paragraphs. Among the most popular of these is Jing http://tinyurl.com/3kkw4am, which creates five-minute (maximum) screen casts using a very user-friendly download. The files can be uploaded to a server associated with the program up to certain limit, beyond which there is a small subscription fee. (Students can also provide responses to two or three peers using Jing and never come close to reaching the data use threshold). Video: Use of Jing to give writing feedback: http://tinyurl.com/28g26uw


Digital Tools For Formative Assessment (for a list of tools http://tinyurl.com/m7ugme)
Google Forms/Docs
Google Forms can be employed to provide open-ended written feedback to students’ writing in response to specific prompts or questions (for examples of use of Forms http://tinyurl.com/qyhm6cg) associated with your assignments organized using Google Classroom http://tinyurl.com/nswmg7q—a
popular tool for organizing your assignments, students’ submission of work, and feedback. One advantage of using Google Forms is that it serves as a repository of all of your students’ responses to a particular prompt or question providing you with a perspective on the variation in students’ responses within a class.

One useful tool for recording comments using to students writing on Google Docs is Google Kaizena [https://kaizena.com](https://kaizena.com). You first need to authorize use of Kaizena with Google Docs; you then select the Google Docs file to which you want to add audio comments to specific places in students’ writing. You can activate Kaizena for use with Google Docs simply by going to the Kaizena site [https://kaizena.com](https://kaizena.com) to authorize use of Kaizena with Google Docs and then selecting the Google Docs file to which you want to add comments (there is also a Chrome OS Kaizena app [http://tinyurl.com/kkuvzvm](http://tinyurl.com/kkuvzvm)). For a video tutorial on using Karizena, see [http://tinyurl.com/kthv4ep](http://tinyurl.com/kthv4ep) to provide voice comments to Google Doc files (Roberts, 2013). And, students can also use the Pirate Pad [http://piratepad.net/front-page](http://piratepad.net/front-page) for sharing writing with peers to then engage in chat and collaborative revision.

If students save their files as PDFs, you can also employ annotation apps such as iOS iAnnotate [http://tinyurl.com/h7g38ma](http://tinyurl.com/h7g38ma), PDF Max [http://tinyurl.com/l882g29](http://tinyurl.com/l882g29), GoodReader [http://tinyurl.com/c8h91gg](http://tinyurl.com/c8h91gg), and Readdle [http://tinyurl.com/n7rw5f](http://tinyurl.com/n7rw5f) to provide voice or written annotations as comments. You can then email back the files or save them on DropBox for students to review. (For more on instructor and peer feedback tools [http://tinyurl.com/kvk4qu9](http://tinyurl.com/kvk4qu9).)

**Quiz Tools**

You can also use quiz tools described by Vicky Davis for formative assessment [http://tinyurl.com/luyvfum](http://tinyurl.com/luyvfum), including Socrative [http://www.socrative.com](http://www.socrative.com), Kahoot [https://getkahoot.com](https://getkahoot.com), and Zaption [https://www.zaption.com](https://www.zaption.com) for inserting questions into a video.

- **Students record-keeping/grading. Google Classroom for Google Apps**
  [http://www.google.com/edu/classroom](http://www.google.com/edu/classroom), [The TeacherTool](http://tinyurl.com/6tovwyy), Super Duper Data Tracker [http://tinyurl.com/7ls9kpc](http://tinyurl.com/7ls9kpc), Teacher’s Assistant Pro: Track Student Behavior [http://tinyurl.com/6ng49bl](http://tinyurl.com/6ng49bl), Easy Assessment [http://tinyurl.com/7zbmoth](http://tinyurl.com/7zbmoth)

- **e-Portfolios. Three Ring** [http://tinyurl.com/7uqzt2a](http://tinyurl.com/7uqzt2a), Teacher’s Wire [http://tinyurl.com/7ue5flu](http://tinyurl.com/7ue5flu)

  Developing Assessments for the Next Generation Science Standards [http://tinyurl.com/n8pqqmq](http://tinyurl.com/n8pqqmq)

  Resources on using e-portfolios [http://tinyurl.com/76axj48](http://tinyurl.com/76axj48)