

Technology Resources for Differentiating Instruction

- **NETS** (National Educational Technology Standards)
<http://www.iste.org/AM/Template.cfm?Section=NETS>
- **Updated Bloom's Taxonomy**
<http://edorigami.wikispaces.com/Bloom's+Digital+Taxonomy>
- **Twitter** home page – create a free account
<http://twitter.com>
- **Twitter for teachers** – find other educators on Twitter who teach the same content areas
<http://twitter4teachers.pbworks.com/>
- **Wordle** – generate “word clouds” from text you provide
<http://www.wordle.net/>

Teacher uses:

- Stress themes of pieces of literature – copy and paste contents of literature to create the Wordle
- Right-click on work and remove it if you don't want it
- To print, press Print Screen key then paste it on a PowerPoint slide and save it as a jpeg
- When typing in words put a ~ between words to keep them together like Mrs.~Smith
- <http://jenuinetech.com/GTW/> Guess the Wordle – new one daily; save them for future use
- Major history documents – copy and paste contents of documents to create the Wordle then look for themes
- Conversation starters
- **Create your own Morph** (For example, start with a student's baby picture and morph it into a recent picture of them.)
<http://www.xiberpix.net/SqirlzMorph.html>
- **Web 2.0: Cool Tools for School**
<http://cooltoolsforschools.wikispaces.com/>
- **Flickr** – <http://www.flickr.com/>
 - 2nd largest database for images
 - Best place for images of people, places, things
 - Creative Commons
 - Click Search, Advanced search, check Creative Commons box
 - Search for images with creative Commons licensing (no copyright infringements)

- **Convert and Save YouTube Videos** <http://www.youtube.com/>
 - Find video then copy the web address
 - Open <http://mediaconverter.org/>
 - Enter a link (up to 5 per day)
 - Paste url and click green arrow
 - Select **wmv** file type to play it with Windows Media Player
 - Convert then download and save

- **Google** Sign up for a free [gmail account](#) to use these free Google applications
 - **Docs** <http://docs.google.com>
 - Upload, create, and share your work online
 - Access docs from any computer or smart phone
 - Documents, spreadsheets, presentations, drawings, forms
 - Integrate Google Docs with Microsoft Office <http://www.offisync.com/>
 - Google Docs movie <http://www.youtube.com/watch?v=eRqUE6IHTEA>
 - Google Docs tour <http://www.google.com/google-d-s/tour1.html>
 - **Sketchup** <http://sketchup.google.com/> (free download)
 - Design things in 3D
 - Make buildings for Google Earth
 - Great for use on SmartBoards
 - "**Project Spectrum**" Great tool for kids on the autism spectrum
 - Video http://www.youtube.com/watch?v=Jw_ZW1NCQgY
 - Download <http://sketchup.google.com/spectrum.html>
 - **Google for Educators** <http://www.google.com/educators/index.html>
 - Classroom tools, activities, competitions
 - Free live webinars
 - **Google Earth** <http://earth.google.com/> Great for research projects
 - Example: 15 things Lewis and Clark would see if they came back today
 - Use "pushpins" for locations – add notes and images
 - **Google Lit Trips** <http://www.googlelittrips.com/GoogleLit/Home.html>
 - Teachers and students create virtual expeditions using Google Earth
 - Many are already made and available on this site

- **Google Sites** <http://sites.google.com/>
 - Create a teacher website for free
 - Organize curriculum and lesson plans with links to notes and websites
 - Embed videos on website
- **Google Calendar** <http://www.google.com/calendar/>
 - Create and embed your calendar anywhere in Google Doc or Google Sites
 - Changes in the calendar are reflected wherever you've embedded it
 - Can share your calendar with others