

Quick and Easy Tools that Differentiate Instruction

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“Universal design is the design of products and environments to be usable by all people, to the greatest extent possible, without the need for adaptation or specialized design.” - Ron Mace, *Founder of the Center for Universal Design*

Universal Design for Learning (UDL) Calls for...

- Multiple Means of **Representation** - content: how delivered and what students know
- Multiple Means of **Expression** – product: how students demonstrate knowledge
- Multiple Means of **Engagement** - process: how students will learn
www.cast.org

www.geogreeting.com – Jesse Vig, software engineer, while working on various Google Map projects, began to notice that there were buildings that had the shape of letters, and thus, the idea was “born”. Each letter links to a map on Google Earth.

www.polleverywhere.com – quickly, easily poll using multiply choice or short text

www.glogster.com – create web-posters, add links to audio, video and images

www.xtranormal.com – text to movie – write a script, add movements, emotions, etc. Teacher can use as an introduction to content. Students can use as a means of expression, to demonstrate knowledge and is also very engaging, allowing integration of content and product.

www.voicethread.com – upload an image, and students can comment on it using microphones, text or webcams.

www.microsoft.com/education/howto.msp - Microsoft website with instructions on how to use features in all their programs including OneNote

<http://www.polk-fl.net/staff/resources/ese/documents/WondersofWord2007revised.pdf> - how to use the features in Microsoft Office 2007 Word including hyperlinks, voice notes, check boxes and drop down boxes

www.polk-fl.net/staff/resources/ese/resourcespowerpoint.htm - educational powerpoints

www.microsoft.com/education/products/office/2010/default.aspx#add-ins – demonstrations and explanations of using Interactive Classroom Powerpoint Add-in

www.sparknotes.com – literary guides and summaries, can be used to increase background knowledge, as a method to reiterate information for students who require repeated information, and to increase understanding of Shakespeare by using side-by-side English/Old English formats

www.readability.com – reduces the clutter on a webpage, eliminates advertising

www.wordtalk.org/uk - a free text-to-speech add-in for Microsoft Word

Additional resources

www.wordle.net – word clouds

www.tagxedo.com – word clouds in shapes

www.docs.google.com – collaborative documents and MUCH more

www.indispensabletools.pbworks.com – BIG list of resources

www.bighugelabs.com – motivator, magazine cover, cube, badgemaker and many more that allow multiple means of expression, engaging the students

www.donjohnston.com – produces Co:Writer, a word prediction program with supports for word cloud banks and speaking dictionary

www.cpbherofactory.com – create superheroes

<http://CoolToolsForSchools.wikispaces.com> – a wiki website full of resources to add multiple means of engagement, representations of information and expression (UDL)

