

Blooming with Technology



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Disclosure Statements

- The planner and presenter do not have any financial arrangements or affiliations with any commercial entities whose products, research or services may be discussed in this activity.
- No commercial funding has been accepted for this presentation.

A new learning ecology for a new educational era.



The future is already here--it's just not evenly distributed.

--William Gibson

Session Objectives

- Describe Bloom's Taxonomy and Web 2.0
- Select an appropriate Web 2.0 tool to address the six levels of Blooms Taxonomy
- Create one lesson which incorporates a Web 2.0 activity to facilitate student collaboration and learning.

What Participants Will Gain

- Participants will gain an understanding how Web 2.0 tools can be used to address the six levels of Blooms Taxonomy
- Participants will learn about a minimum of 3 Web 2.0 tools for each of the level of Blooms Taxonomy
- Participants will brainstorm one to two lessons to integrate into his/her classroom

Bloom's as a Learning Process

- Before we can **understand** a concept we have to **remember** it
- Before we can **apply** the concept we must **understand** it
- Before we **analyze** it we must be able to **apply** it
- Before we can **evaluate** its impact we must have **analyzed** it
- Before we can **create** we must have **remembered, understood, applied, analyzed, and evaluated**

What is Blooms Digital Taxonomy?

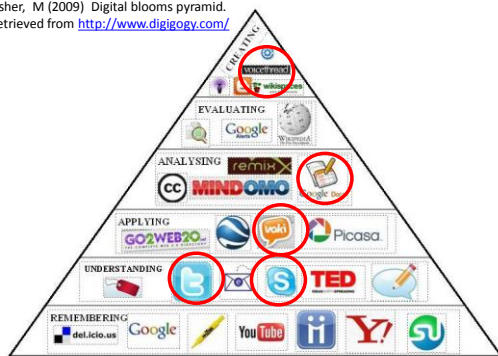
- It is the application of digital collaboration tools or Web 2.0 tools to engage student at each level of Blooms Taxonomy.

Web 2.0 Characteristics:

Web-based application, i.e. "cloud" computing

- There are a lot of free and easy to use tools out there
- Applications are platform independent
- Interactive, social software
- Convergent with ubiquitous mobile networking

Fisher, M (2009) Digital blooms pyramid.
Retrieved from <http://www.digigogy.com/>





Remembering

- Del.ici.ous
– <http://delicious.com/>
- Diigo
<http://www.diigo.com/>
- Evernote
<http://evernote.com/>





Understanding

- Bubbl.us
– <http://bubbl.us>
- Twitter
– <http://www.twitter.com>
- LetterPop
– <http://www.letterpop.com/>





Applying

- Voki or VoiceBoards
– <http://www.voki.com/>
- Wolfram Alpha
– <http://www.wolframalpha.com/>
- Screencast-o-matic
– <http://www.screencast-o-matic.com/>





Analyzing

- Google Docs
 - <http://docs.google.com/>
- Create-a-Graph or other Infograph tool
 - <http://nces.ed.gov/nceskids/createagraph/>
- RSOE EDIS
 - <http://hisz.rsoe.hu/alertmap/index2.php>





Evaluating

- TodaysMeet
 - <http://todaysmeet.com/>
- Survey Monkey
 - www.surveymonkey.com
- Tricider
 - <https://tricider.com/en/t/>

TodaysMeet



tricider
easy brainstorming & voting



Todays Meet

- <http://todaysmeet.com/tli2012>

TodaysMeet

Talk. Listen.
 TodaysMeet helps you embrace the backchannel and connect with your audience in real-time.
 Encourage the room to see the live stream to make comments, ask questions, and use that feedback to tailor your presentation, change your points, and address audience needs.

Create a Room.

Name your room

Delete the room in

[Create your Room.](#)



Creating

- Glogster
 - <http://edu.glogster.com>
- VoiceThread
 - <https://voicethread.com/>
- MakeBeliefComix
 - <http://www.makebeliefscomix.com/Comix/>
- This is just cool
 - Tinkercad: <https://tinkercad.com/home/>



Questions

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<http://edorigami.wikispaces.com/Bloom%27s+and+ICT+tools>
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- Rahmat, M., & Saudi, M. M. (2007). E-Learning Assessment Application Based on Bloom Taxonomy. *The International Journal of Learning, 14*(9), 1-12.
- Tanseyr, T., Schopierayp, S., Boland, E., Lane, F., & Pruett, S. (2009). Examining Technology-Enhanced Coursework in Rehabilitation Counselor Education Using Bloom's Taxonomy of Learning. *Rehabilitation Education, 23*(2), 107-118. What is your preferred type of presentation?

Presenter Information

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