

SOLSTICE & CLT Conference 2014

Integrating Web 2.0 Tools to Engage Pre-service Teachers

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Meaningful Learning & Preparation

Technology advancements have provided educators with access to an abundance of resources allowing for student engagement, content diversity, and differentiation of instruction (Ball & Levy, 2008; Chandra & Fisher, 2009).



Unfortunately...

- Current research demonstrates that technology has not been effectively used for facilitating meaningful learning in the schools (Ertmer & Ottenbreit-Leftwich, 2010).

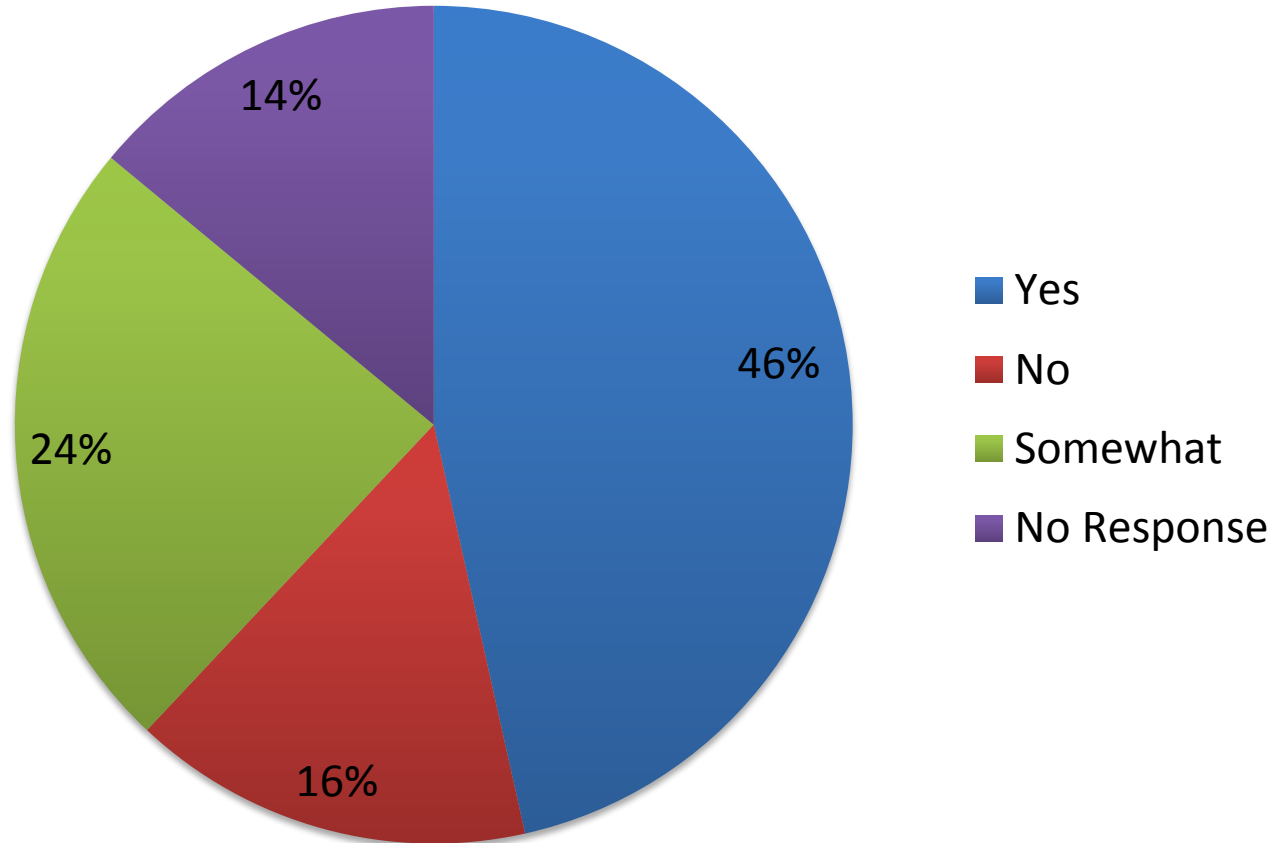
AND...

- There are concerns as to whether pre-service teachers are adequately prepared to incorporate such technologies into the classroom.



“Do you feel that you are adequately prepared to employ Web 2.0 tools into your future classroom?”

Student Responses



Effective Use of Web 2.0 Tools

Incorporating Web 2.0 tools must be deliberate, focused, and well planned to accompany course content objectives (Alghazo, 2006; Ball & Levy, 2008; Hassanien, 2006; Keengwe & Anyanwu, 2007; Lim, 2009).



Web 2.0 Tools Utilized in Pre-Service Teachers' Coursework at UTM

- WebQuest
- Prezi
- Virtual Math Manipulatives
- Blogs
- Storybird
- Animoto

Student Samples: Math Manipulatives & WebQuests

- Math Manipulatives:


<http://illuminations.nctm.org/Activity.aspx?id=3565>

- WebQuests:


<http://zunal.com/tasks.php?w=239797>

<http://zunal.com/process.php?w=234267>

Snow White Student Sample




COGNITIVE PSYCHOLOGY,
BEHAVIORISM, AND SOCIAL
COGNITIVE THEORY STORY
BOOK: “SNOW WHITE AND
THE SEVEN DWARFS”



CHAPTERS



- ❖ Chapter one: Snow the Teacher
 - ❖ Chapter two: The Story Begins
 - ❖ Chapter three: The Story Examples: Bashful
 - ❖ Chapter four: The Story Examples: Sneezzy, Sleepy, and Grumpy
 - ❖ Chapter five: The Story Examples: Dopey, Happy, and Doc
 - ❖ Chapter six: Their Happily Ever After
- 

Snow White cont'd

CHAPTER THREE:

- ❖ The story started with Bashful sitting in the classroom one day listening to Snow teach about something. First, Snow was explaining Behaviorism to her students. Snow was watching and saw that Bashful was not paying attention to her so she had to do something. She walked into her room and grabbed a bird clock and brought it out into the classroom.



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- ❖ Snow watched and waited for the bird clock to peep and when it did she gathered the whole class back to her by saying, "Everyone, let's stay together!" She continued to do this for weeks until all she had to do was make a sound like a bird and the class, including Bashful, would give Snow their attention again. This is an example of classical conditioning. Every time the clock would make a bird sound, Snow White would bark out an instruction and the class would then follow. Over time they were conditioned to pay attention when they heard the bird's peep even when it came from Snow.
- ❖ Behaviorism is about the student's behavior and how they can be changed given time and the right stimulus. Bashful and his classmates' behaviors were changed over time to respond to the sound of a peep.

Student Samples: Blogs

<http://livelaughteach3.blogspot.com/>

<http://thepolkadottedlilypad.blogspot.com/>

<http://kellimcneill.blogspot.com/>

<http://nikkisreadingcorner.blogspot.com/>

<http://kaitlinbpaschal.blogspot.com/>

<http://sarahsstorystation.blogspot.com/>

Student Samples: Prezi

Education Psychology:

http://prezi.com/jo4vsilwnxkd/human-learning-325-project/?utm_campaign=share&utm_medium=copy

Literacy Memoirs:

<http://prezi.com/qrr9qjez0uzp/self-literacy-memoir/>

http://prezi.com/kpd6hb56kc3l/jennifers-literacy-memoir/?utm_campaign=share&utm_medium=copy

Student Samples: Storybird & Animoto

- Storybird:

<http://storybird.com/books/the-question-answer-relationship-strategy/?token=wur8xte926>

<http://storybird.com/books/mini-lessons-on-a-mission/?token=vbjkhuj89n>

<http://storybird.com/books/growing-great-readers-one-sprout-at-a-time/?token=ywbwnsk7ac>

- Animoto:

<http://animoto.com/play/d6rmhzvdQ1l6Zuj0nEUtjQ>

Questions, Comments, & Recognition

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