


Rigorous Learning with Technology


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Download today's slides:
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Library Expo - 11.2.2012




Connecting people, information, and technology in *more valuable ways*



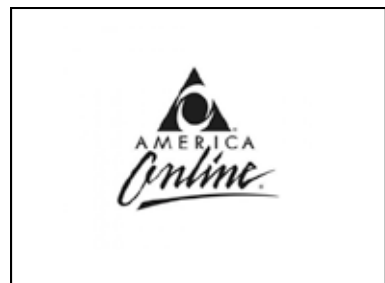
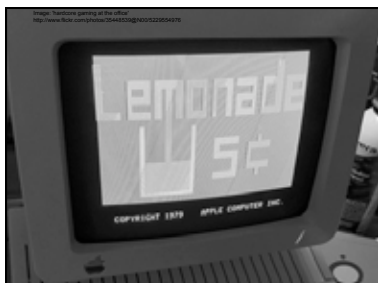
Today's Road Map

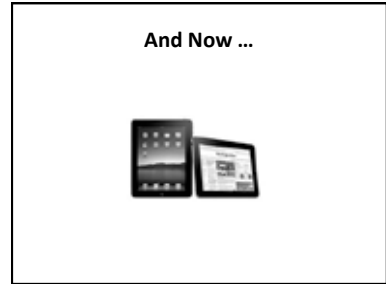
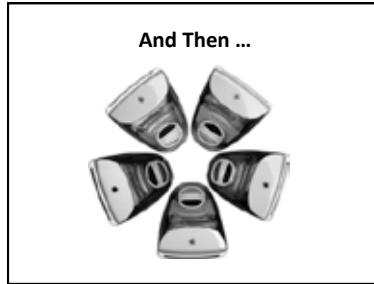
- **A Lens on the Past:** Where We've Been
- **An Unfocused Lens:** The Dizzying Choices
- **Refocusing Our Lens:** What Do We Mean by Rigor?
- **Testing Our Lens:** Student Work Samples



A Lens on the Past:
Where We've Been

We have been in the ed tech business for a lonnnng time.





Turn and Talk
The purpose for bringing technology into schools is
-----.

Share!
The purpose for bringing technology into schools is
-----.

<http://youtu.be/IHqbcGgf90o>

Download today's slides:
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(click to play)

TURN 'N' TALK!

If a 14 month-old can play Angry Birds, what are the implications for our work?

Bloggy

How is ed tech different in the Web 2.0 Candy Store where everything is free?

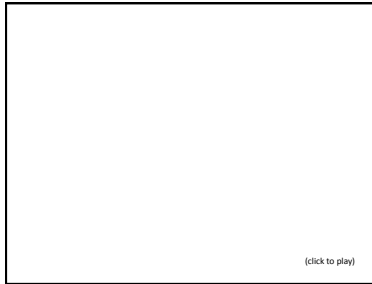
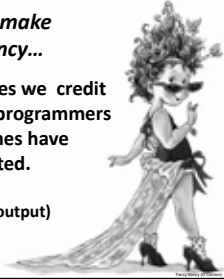
Refocusing Our Lens:

What Do We Expect Students to Accomplish with Technology?

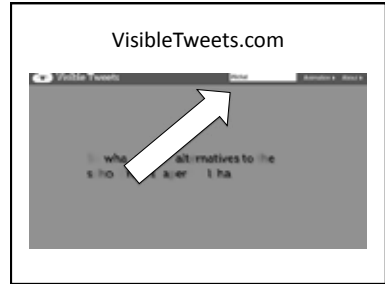
It's so easy to make things look fancy...

...that sometimes we credit students what programmers behind the scenes have actually facilitated.

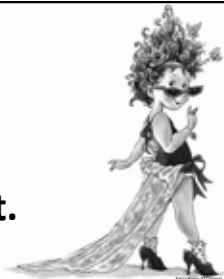
(Little input > Big output)



(click to play)



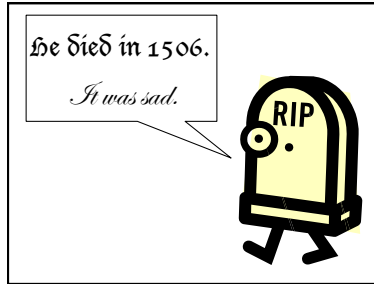
Little input, big output.



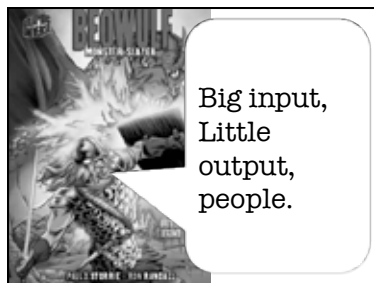
And sometimes, our students expend a disproportionate amount of e-effort over knowledge-building.
(BIG INPUT > LITTLE OUTPUT)




He discovered AMERICA!!!



Turn and Talk:
What letter grade would you give this assignment?
Why?





Where's the Beef?*
How Do We Know Rigor When We See It?
Vigor**

* Bernajean Porter, ** Joanne YanVin

student + tech + school > student + tech

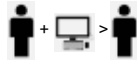


A building staff should have consensus on what good tech work looks like at school.



Rigor means exciting challenge, not rigor mortis! Insert VIGOR if you prefer

Rigorous Learning with Technology



Rigorous Learning with Technology

* Charles Friedman, definition of informatics
** by Michael Miller and "Casper" by David Marling from Ethnographic.com collection
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Decontextualized

Authentic

Rigorous Learning with Technology

What's in it for me? How does this apply to me? Why does this matter to me?

Decontextualized

Authentic

Rigorous Learning with Technology

Student-Centered

Teacher-Directed

Who's working harder? Who decides what is important?

Decontextualized

Authentic

Rigorous Learning with Technology

Student-Centered

Teacher-Directed

Automated

Informated (Value-Added)

IN THE AGE OF THE SMART MACHINE THE FUTURE OF WORK AND THE NEED FOR HUMAN SKILLS

Tech is expensive ... why pay more if we're not getting more?

Decontextualized

Authentic

Rigorous Learning with Technology

Student-Centered

Teacher-Directed

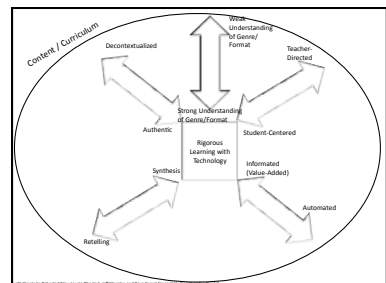
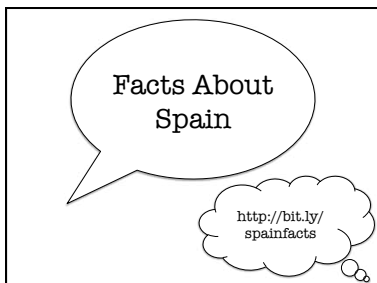
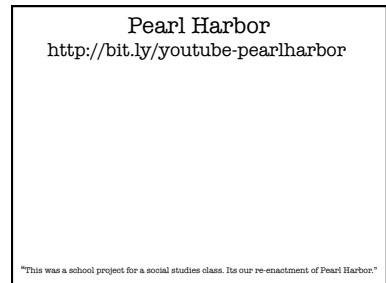
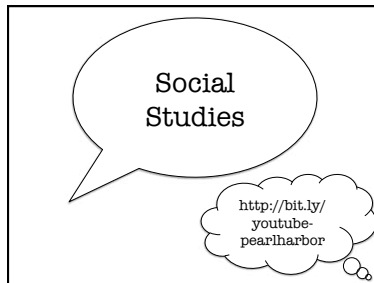
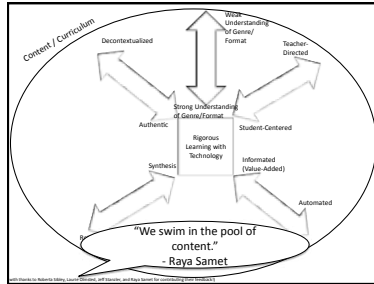
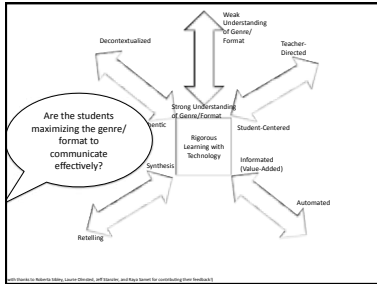
Automated

Informated (Value-Added)

Synthetic

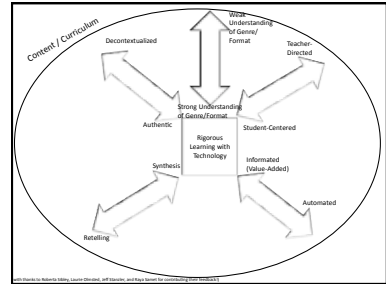
Refuting

Does the world need more people repeating facts?

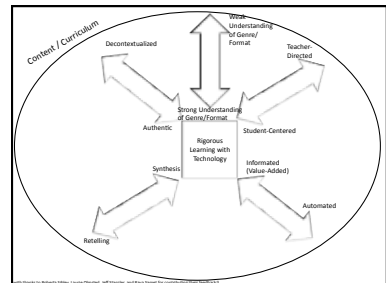


Reflective Blogging

Fred's students are required to blog weekly for fifth grade social studies. They summarize what they have learned and then are asked to think about how what they are learning relates to their lives today. They are also required to comment productively on each others' blogs.

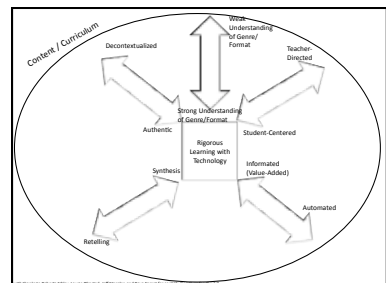


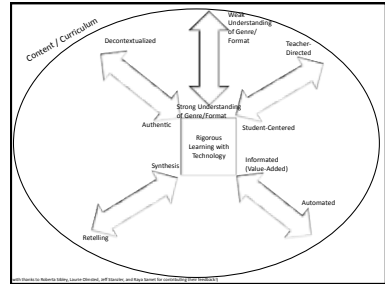
Glogster
<http://bit.ly/winndixieblog>



Social Studies
<http://bit.ly/youtube-pearlharbor>

Pearl Harbor
<http://bit.ly/youtube-pearlharbor>
click to play
"This was a school project for a social studies class. Its our re-enactment of Pearl Harbor:"





Questions?
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