

Learner Centered Strategies for Engaging Creativity and Critical Thinking

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Out of respect for (and a little fear of) my daughter...

- ▶ Handouts available electronically
- ▶ <http://marshallgjones.com>
 - Workshops and resource pages
 - Number 8
- ▶ <http://tinyurl.com/MGJPAL>
- ▶ This Presentation
 - Number 10
- ▶ <http://tinyurl.com/engage2009>

If teaching was telling...



The legacy of PowerPoint



IMHO...

- ▶ The state of learning
- ▶ The state of technology in the classroom
- ▶ The Interactive WhiteBoard



What does this do to learning?

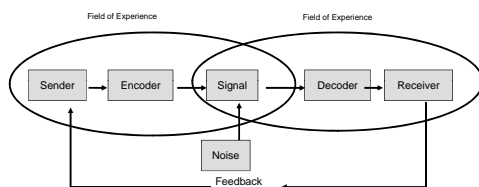
- ▶ Not instruction, but learning



I don't want to insult your intelligence...

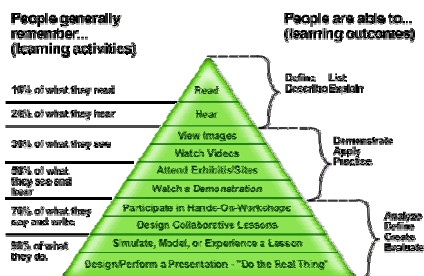
1. Gain attention
2. Inform learners of objectives
3. Stimulate recall of prior learning
4. Present the content
5. Provide learning guidance
6. Elicit performance
7. Provide feedback
8. Assess performance
9. Enhance retention and transfer to the job

Instructional Communication



Jeff Anderson Updates Dale's Cone

<http://www.edutechle.ws/about/>



<http://www.edutechle.ws/2007/10/09/cone-of-experience-media/>

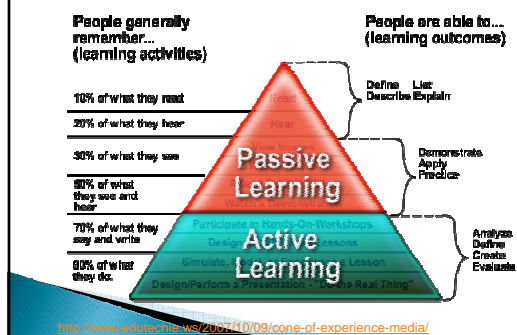
Clarifying It a bit...

<http://bit.ly/iVggc>



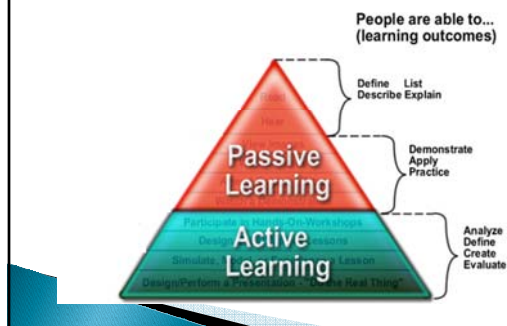
Jeff Anderson's Take On Learning

<http://www.edutechies.ws/about/>

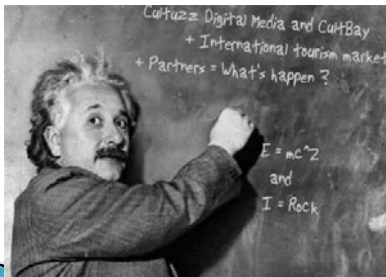


I took the numbers out again

<http://bit.ly/iVggc>



How can we manage standards and learning?



Participatory Active Learning

- ▶ Participatory
 - Constructivist in nature
 - "Butts up learning"
- ▶ Active
 - Cognitively
 - Physically
- ▶ Learning
 - Standards based
 - Assessed rigorously



Some techniques explained

- ▶ <http://coe.winthrop.edu/jonesmq/lti/pal/>
 1. Podcasting
 2. Digital Video
 3. Digital Story Telling
 4. Claymation
 5. PowerPoint (yes, PowerPoint)

Emerging Technologies

- What should we be looking at next?



What is your opinion of the use of cell phones in the classroom?

To vote: Text a **CODE** to **99503**
or go to <http://poll4.com>

Could be useful. **35536**

They are too distracting. **35537**

What distracts students in class?

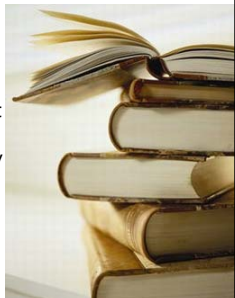
Start this poll to accept responses

Cell phones and engagement

- ▶ [Teen charged with hitting classmate in groin with textbook](http://www.heraldonline.com/109/story/1228842.html)

<http://www.heraldonline.com/109/story/1228842.html>

A 15-year-old female student at Northwestern High School was charged with assault and battery after hitting another student in the groin with a math...



Why phones may be useful

- ▶ The camera
- ▶ The video camera
- ▶ Texting with parents
- ▶ WWW access
- ▶ The ubiquitous nature of them
- ▶ Providing Cellphones for the Poor – <http://tinyurl.com/kp3wp9>



Why phones may be useful

- ▶ <http://polleverywhere.com>
- ▶ <http://utterli.com>
- ▶ <http://sms.google.com>
- ▶ <http://www.go2web20.net>



<http://polleverywhere.com>

- ▶ Turn your phone into a classroom response system
- ▶ If the network will let me in, I'll show it to you, but...
 - It is free
 - It is easy
 - It helps with asking and answering questions
 - Phone or web-based

<http://sms.google.com>

- ▶ Send a text to: 46645
- ▶ W and a zip code
 - Example: W 29732
- ▶ Text: Abraham Lincoln Birthday
- ▶ Benefits:
 - Basic information access
 - Calculations
 - Free (standard messaging rates do apply)

<http://utterli.com>

- ▶ Podcast from your cell phone
- ▶ Vodcast from your cell phone
- ▶ Instant Mashups
- ▶ Benefits:
 - Mobile project work
 - Field trips, homework
 - Free (standard phone charges apply)