

Contextual Connections

Wednesday, February 04, 2009
16:29

Middlecamp article

- connecting students with culture
- textbooks have lots of white males
 - ↳ diversity

<u>Problems</u>	<u>Your Discipline</u>	<u>Solutions</u>
need		
1) multiple perspectives in science	Oh noes!	1) Larger community
2) more motivation to go into science	We didn't fill this out due to	2) Reflective teaching
3) cultural connections for retention	long, heated conversations	3) positive reinforcement
		4) connect personal experiences

when paper reviewing

- show it to a specialist
- show it to a layman
 - different suggestions
 - different angle, point of view

Pure Science vs Applied?



Mathematics can be way out there w/o any real application.

- We don't know which developments are useful.
- What about art? Is art useful?

- to the individual, it's beautiful
- sawe with math

Context is really important! Woo spiral learning!

Drawing parallels is really important to understanding.

Higher education is a professional prep process.
use classes as filters for people that can
"make the cut." Kill off all the average ones,
help the excellent ones go on and succeed.

questions from prof to student:

to girl: what's the answer?

to boy: how'd you get the answer?

Steve Ceci → Cognitive Sexism → class recommendation

Okhee Lee article → language barrier, cultural differences
lead to poor student performance

→ What's the problem? → early acclimation to studying in English
helps with minority students

→ What is Instructional Congruence

→ relate it back to constructivism

→ you need to know what students already know
to help them learn

→ languages are super different sometimes, so
we'll have ^{english}trange ^{spanish}discrepancies
→ billion ≠ billion

→ build confidence by pre-fetching answers for
timid students
ask questions in first of
ppt that they can answer

Random Questions:

↙ numerical date only

Should teacher / TA evaluations be posted publicly?

→ why / why not

Next Week

Darwin Days 2009

(1809-1882)

4:45 Lewis Auditorium

→ Goldman Smith Hall

→ David Campbell

→ Teaching Evolution in
Public Schools

6:00 PM Panel Discussion

→ Teaching Evolution