Preparing for the micro-teach and ideas behind educational practice:
The good the bad and the ugly
Steve Pollock,
Chris Keller,
Noah Finkelstein
(not in that order)
Trad’l Approach

Individual  Instruction via transmission  Content (E/M)
"The relativistic model is based on the premise that, if one starts with an E-N-O-R-M-U-S breadth of subject matter but passes it by the student at sufficiently high velocity, the Lorentz contraction will shorten it to the point at which it drops into the hole which is the student mind."
J. Piaget - Swiss psychologist (1896-1980)
Students: are active in the educational process
construct understanding based on prior knowledge
learn through individual development
Please evaluate each speaker on

Clarity of presentation
Clarity of speech
Use of materials / board
Mastery of content
Level of engagement
Utility for learning (u-grad level)
Overall evaluation / comments
Typical Classroom- today
Earliest Known Example of a Schoolroom from Sumer, circa 3000 BC
Concept Test Classroom
MIT Studio Physics - John W. Belcher*

Active classes make active students (on task)

* http://www-caes.mit.edu/research/teal/index.html