



The Psychology of Asynchronous Learning, assessment, and collaboration with Blackboard

Asynchronous web-based protocols

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Terminology

- Asynchronous
- Web-based
- Inquiry-Based Learning
- Peace of mind




What is asynchronous?
What is web-based?
What is Inquiry-Based
Learning?



of, used in, or being digital communication (as between computers) in which there is no timing requirement for transmission and in which the start of each character is individually signaled by the transmitting device



**a group of Web pages usually
containing hyperlinks that are made
available online**



It is a Pedagogy that is student-centered and encourages participants to develop meta-cognitive, process-based and factually driven skills.

Pragmatic Research

Driving question
Working hypotheses
Survey literature
Formal hypotheses
Data collection
Data analysis
Conclusions
Report





What do you mean by Peace of mind?



A state of tranquility or quiet

At peace : in a state of concord or tranquility



An ode to the Scientific Approach

Based on my 18 years of
experience:

Inquiry Based Learning


+

Blackboardtm


Level Playing Field




Constructivist Theory




According to Constructivist Theory, students are novices when they first encounter a task or concept (Bodner, 1986).




**As the novice begins to gain
knowledge about a given
task or concept, expertise is
gained.**



Contextualists do not separate the student from his or her environment, but studies the interaction between the two as one holistic unit.



The Zone of Proximal Development (ZPD) (Vygotsky, 1960) describes the Contextualists' view of shared tools.



In their view, tools were cognitively based, and by sharing these tools, those who “got it” could assist those who did not.

Platform Analogy

| P-1500 | P-2500 | P-3500 | P-4500 |
|------------------------------------|-------------------------------------------------------|----------------------------------------------------------|-------------------------------------|
| Announcements Documents | All P-1500 Group Discussion Boards | All P-2500 Homepage | All P-3500 |
| Assignments Gradebook | Digital Documents Reactive Groups | Virtual Classroom Electric Blackboard | Independent Inquiry |
| Site Discussion Board | Reactive Links | On-line Quizzes & Examinations | Student site Development |
| | | Learning Communities | Information Development |
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Platforms at College

| | | |
|-------------------|-----------------------------|------------------------------------------|
| First Year | Teacher Led | Concept driven Facts based |
| Sophomore | Teacher Led | Concept driven Process active |
| Junior | Shared Classroom | Process driven Data driven |
| Senior | Student led | Knowledge Creation |

Making it work for you!

- Put all of your courses or collaboration sites together
- Think of the sites as movies
- Develop your plot
- Develop your theme
- Develop your characters
- 100% go by release date

Problems

- System
- Content
- Doubt
- Fear
- Isolation



Short-term benefits



- Work Load Reduction
- Clerical Load down 85%
- 90% reduction in wing and a prayer time
- More time for you
- Less Stress
- Virtual TA

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Long-term benefits

- Professional Development
- Tech-competent Students
- Sustained Growth
- Extramural Support
- University Profile
- Community Profile
- Fulfill life's Mission

Win - Win is our goal!

For next time:

**Please go to course documents
and read Chapter two of book &
*Lev Vygotsky and the ZPD***

Goal for the summer

All Courses or sites created

Key Course Tools created

Content added

Links established

Calendar and communications

Quizzes and exams


Announcements

Marge Simpson Method



...But you don't play piano!

“As long as I stay one section ahead of them, I should be ok”.



In the twenty-first century there will be a rapid change in how literacy is defined and the knowledge and skills that individuals need to be literate in the 21st century may not have even been invented.