The Practical Inquiry Model Revisited

Developing Deeper Understanding in Online Learning Environments

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How do we measure learning?

How do we know what we are measuring?
The Community of Inquiry Theoretical Framework

Social presence is defined as the ability to project personal characteristics to be perceived as a “real person”.

Garrison et al, 2000
Teaching presence consists of three key categories: design and organization, facilitation of discourse, and direct instruction.

Garrison et al, 2000
Cognitive Presence

Cognitive presence is defined as the “extent to which the participants in any particular configuration of a community of inquiry are able to construct meaning through sustained communication.

Garrison et al, 2000
The extent to which learners are able to construct and confirm meaning through sustained reflection, discourse, and application within a critical community of inquiry.

The Practical Inquiry Model

Constructivism

1. learning is an active process of making meaning rather than simply gathering knowledge

2. instruction is the act of supporting students in this process rather than delivering the knowledge to them

Duffy and Cunningham (1996)
PIM isn’t a new concept...

Bloom’s Taxonomy

- **Remember**
  - Recall facts and basic concepts
    - define, duplicate, list, memorize, repeat, state

- **Understand**
  - Explain ideas or concepts
    - classify, describe, discuss, explain, identify, locate, recognize, report, select, translate

- **Apply**
  - Use information in new situations
    - execute, implement, solve, use, demonstrate, interpret, operate, schedule, sketch

- **Analyze**
  - Draw connections among ideas
    - differentiate, organize, relate, compare, contrast, distinguish, examine, experiment, question, test

- **Evaluate**
  - Justify a stand or decision
    - appraise, argue, defend, judge, select, support, value, critique, weigh

- **Create**
  - Produce new or original work
    - design, assemble, construct, conjecture, develop, formulate, author, investigate

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John Dewey
Scenario 1: The discussion forum

Assignment 2: Four Stages of Teaching

List and briefly describe the four stages of teaching. Read and respond to at least one other post.

To add a new post:
- Click New Discussion
- Then add your title and post content
- Click “Post to Forum”
Scenario 2: The Group Presentation

Assignment: ES.10

Your group will investigate and create a presentation that shows how oceans are complex and dynamic systems. Explore and explain how the introduction of plastics affect the oceans.
What types of activities do you use in online and blended learning environments?
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For more professional development in online course design check out my EDU C417 Principles of Online Learning at www.uvawise.edu/cte