Lightning Round: Active Learning and Blackboard

Teaching and Learning Tech Fair 2017
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"Active learning" means students engage with the material, participate in the class, and collaborate with each other.
Active Learning Strategy 1: Wikis
Wiki Possibilities

- Class summaries and outlines
- Course glossary
- Resources repository
  - Ask students to post links to pictures, articles, and media files that relate to the lesson and explain why they were chosen
- Lab experiments
- Group project presentations
- Research notebooks
- Connecting student writing to form a book, student solutions for scenarios and case studies
- Final test reviews
  - Pull a portion of questions from student work
Active Learning Strategy 2: Blackboard Collaborate
Active Learning Classroom—Collaborate Style

1. Web Conferencing Archive (or in class “lecture”)

2. Open Web Conferencing Sessions

3. Web Conferencing Live (or in person meeting)
Active Learning Strategy 3: Achievements/Badges

ACHIEVEMENT BADGES

GOLD STAR ACCUMULATION: Complete review activities
- One star awarded for completion/review of resource activities for each type of resource
- Awarded when each resource is clicked as reviewed in the folder on a level by level basis
- A total of 12 Gold Stars are possible

Activities: Review the Library Resources
- Videos
- Lessons with Practice Exercises
- Web Resources
- Online Games

CONTENT KNOWLEDGE BADGES

Participants completing the game-based version of the MOOC will have the opportunity to earn all three badges. For the game-based version, participants will be awarded the Master Badges upon successfully passing the level exams.

MATHEMATICIAN I
Apprentice Mathematician (Integers)
- Demonstrate proficiency in integers in context, integers on a number line
Journeyman Mathematician
- Demonstrate proficiency in integers in context and on a number line, additive
Master Mathematician (Awarded upon completion of the challenge mission/level exam)
- Demonstrate proficiency in integers in context and on a number line, additive

ALGEBRAIST I
Apprentice Algebraist (Numeric and Algebraic Expressions)
- Demonstrate proficiency in associative and commutative properties
Journeyman Algebraist
- Demonstrate proficiency in associative and commutative properties, exponents
Master Algebraist (Awarded upon completion of the challenge mission/level exam)