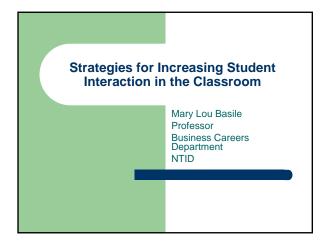
Strategies for Increasing Student Interaction in the Classroom



Workshop Outline Brain-Based Learning Principles Bloom's Taxonomy – use of questions for discussion Strategies for involving students in the classroom

What is your method of presentation?

One Minute Paper

 List the activities that occur in your classroom in a one hour period. Describe specific content and how you cover this content.

Brain-based Learning

- A comprehensive approach to teaching and learning that is based on how the brain naturally learns best
- Learning involves focused attention
- Learning activities should include social interaction
- Learning is enhanced by challenge

Lecture

- Oldest teaching method
- Widely used in universities throughout the world
- Successful lectures depend on students paying attention
- Challenge: to get students actively thinking in a lecture situation

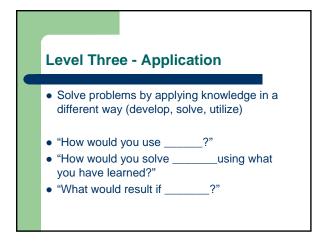
What are some ways to get students involved in a lecture?

Strategies for Increasing Student Interaction in the Classroom

Questioning Techniques Bloom's taxonomy - Continuum of questioning from simple to complex

Level One - Knowledge Checks previously learned material by recalling facts, terms, basic concepts (define, name, label) "What is _____? "When did ______ happen?" "Who was _____?"

Level Two - Comprehension Demonstrates understanding of facts (compare, rephrase, summarize) "How would you compare_____?" "What can you say about ____?" "How would you summarize____?



Level Four - Analysis • Examining and breaking information into parts by identifying motives or causes (analyze, classify, examine) • "How is ______related to ____?" • "How would you classify _____?" • "What evidence can you find _____?"

Level Five - Synthesis
Compiling information in a different way by combing elements in a new pattern (construct, create, design, develop)
 "What would happen if?" "Can you invent?" "How would you test?"

Strategies for Increasing Student Interaction in the Classroom

Level Six - Evaluation

- Presenting and defending opinions by making judgments about information (criticize, defend, dispute, evaluate, opinion)
- "What is your opinion of _____?"
- "What would you recommend ____?"
- "How would you prioritize _____?"

More strategies for Student Interaction

- Students write reactions or answers to problems.
- Students share solutions, work together on solutions (video clip)
- Students work in pairs to solve problems
- Student presentations (video clip)
- Student group critique (video clip)

Think about one of your courses

Brainstorm strategies that you can use in your classroom

Evaluation and Closure

- Describing a specific lesson, name two strategies that you believe will work in your classroom.
- What benefits or barriers do you anticipate?
- Will you try it?

