**Thinking-Based Learning**

This presentation revolves around a new conception of our goals as teachers of thinking in the 21st Century. Numerous efforts have been promoted to teach students to be better thinkers over the past 25 years: We need to teach students *thinking skills*! We need to teach students *thinking dispositions*! We need to teach students to become *metacognitively aware of their own thinking*! These are all important goals for the 21st Century. But often such efforts have been launched to the exclusion of the others. Reflection on what skillful thinkers do, however, makes it clear that we need to take a broader perspective on what our goals should be and recognize that *skillful thinking* involves a coherent and complementary blend of all three of these ingredients, and that we can mount effective instructional efforts only by recognizing this. *Thinking-based learning* is an approach of great instructional power and promise -- an approach that infuses instruction in skillful thinking into content instruction. Numerous real classroom examples, K-12, and from higher education, will be used to illustrate this. Classroom instruction that emphasizes the appropriate blending of these three ingredients infused into content teaching will be explained and we will show how this approach can help our students develop their potential as thinkers and learners.

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