

Ventures in Education

Infusing the Teaching of Critical and Creative Thinking into Content Instruction

www.criticalthinking.com

1. Skills at Generating Ideas
 - A. Generating Possibilities
 1. Multiplicity of Ideas
 2. Varied Ideas
 3. New Ideas
 4. Detailed Ideas
 - B. Creating Metaphors
 1. Analogy
 2. Metaphor
2. Skills at Clarifying Ideas
 - A. Analyzing Ideas
 1. Compare and Contrast
 2. Classification and Definition
 3. Part/Whole Relationship
 4. Sequencing
 - B. Analyzing Arguments
 1. Finding Reasons and Conclusions
 2. Uncovering Assumptions
3. Skills at Assessing the Reasonableness of Ideas
 - A. Assessing Basic Information
 1. Accuracy of Observation
 2. Reliability of Sources
 - B. Inference
 1. Use of Evidence
 - a. Causal Explanations
 - b. Prediction
 - c. Generalization
 - d. Reasoning by Analogy
 2. Conditional Reasoning
4. Thinking Processes
 - A. Goal Oriented Processes
 1. Decision Making
 2. Problem Solving