

Creative and Creative Thinking Skills

Students work on both Creative and Critical Thinking Skills.

What is Creative Thinking? Creative Thinking is thinking that generates ideas, processes, experiences, or objects.

What is Critical Thinking? Critical Thinking is thinking that uses reasoning, logic, and research.

Both types of thinking are crucial in effective problem solving. Many times they go hand in hand, such as using critical thinking to analyze the problem, and then creative thinking to generate numerous ideas and possible solutions, and then critical thinking again to choose which of those ideas best solves the problem.

Why teach Thinking Skills? Researchers agree that both types of thinking are critical in effective learning and in leading a productive life.

What are Creative Thinking Skills?	What are Critical Thinking Skills?
Associative Thinking Attribute Listing Brainstorming Curiosity Creative Problem Solving Creative Thinking Process Elaboration Flexibility Fluency Forced Relationships Imagery Metaphorical Thinking Modification Originality	Bloom's Taxonomy Knowledge Comprehension Application Analysis Synthesis Evaluation Cause and Effect Classification Comparison Deductive Reasoning Decision Making Dilemmas Forecasting Hypothesizing Inductive Reasoning Inferences Labeling Logical Thinking Analogies Matrix Logic Syllogisms Observation Patterning Planning Sequencing Webbing

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Critical Thinking	Creative Thinking
analytic	generative
convergent	divergent
vertical	lateral
probability	possibility
judgment	suspended judgment
focused	diffuse
objective	subjective
answer	an answer
left brain	right brain
verbal	visual
linear	associative
reasoning	richness, novelty
yes but	yes and

Harris, Robert. "Introduction to Creative Thinking." *VirtualSalt*. 1 July 1998. Web. 20 Oct. 2011. <<http://www.virtualsalt.com/evalu8it.htm>>.