



Arlington Public Schools
K-12 Critical and Creative Thinking Strategies

Big Ideas

- *Overarching Concepts – Change, Patterns, Systems, Perspectives, Cause/Effect, Cycles
- *Taba Concept Development

Critical Thinking Teaching Models

- *Frayer Model
- *Future Problem Solving
- *Hamburger Model of Persuasive Writing
- *Jacob's Ladder
- *Literature Web
- *Paul's Elements of Reasoning
- *Research Model
- *Vocabulary Web

Creative Thinking

- *Creative Problem Solving (CPS)
- *FFOE (Fluency, Flexibility, Originality, Elaboration)
- *SCAMPER

Decisions and Outcomes

- *Habits of Mind
- *PMI
- *Problem Based Learning & Project Based Learning

Making Connections

- *Analogies
- *Encapsulation
- *Mind-Mapping
- *Synectics
- *Visualization

Point of View (Different Perspectives)

- *Debates
- *deBono's Hats
- *RAFT
- *Socratic Seminar/Junior Great Books
- *Structured Academic Controversy

Questioning

- *Bloom's Taxonomy & Levels of Questioning
- *Question Formulation Technique (QFT)
- *SEM-R Questions