Critical thinking; creative thinking; higher-order thinking; inductive and deductive thinking; problem structuring and problem solving; invention; memorization and recall; social reasoning; and representation of ideas

Concepts addressed in these courses: Critical thinking, higher-order thinking, reasoning, & problem solving

Specifically, students should review:

I. Curriculum Theory: Traditional vs. Alternative
II. Critical Thinking: Defined: the disciplined mental activity of evaluating arguments or propositions and making judgments that can guide the development of beliefs and taking action.
   A. Types of Instruction:
      1. Inquiry-based
      2. Problem-solving
      3. Real-world scenarios
      4. Occupational
      5. Cooperative
      6. Technology integration
   B. Behavioral & Cognitive Psychology
III. Higher Order Thinking: Domains of Learning
   A. Cognitive: Bloom’s Taxonomy
   B. Affective: Krathwhol’s Taxonomy
   C. Psychomotor: Harrow & Simpson’s Taxonomy
IV. Reasoning:
   A. Deduction: general to the specific
   B. Induction: specific to the general
V. Assessment
   A. Authentic
   B. Performance-based
   C. Rubrics

Helpful Websites Include:
Learning Taxonomies:
Teaching Resources:
http://www.mhhe.com/socscience/education/methods/resources.html