A Developmental Problem Solving Process

**FOUNDATION:** Knowing

**STEP 1:** Identifying
- Identify the Problem, Relevant Information, and Uncertainties (low cognitive complexity)
- Reason to single "correct" solution, perform computations, etc.
- Acknowledge, explain, and monitor limitations of endorsed solution
- Integrate skills into ongoing process for generating and using information to guide strategic innovation

**STEP 2:** Exploring
- Interpret information: (1) Recognize and control for own biases, (2) Articulate assumptions and reasoning associated with alternative points of view, (3) Qualitatively interpret evidence from a variety of points of view
- Organize information in meaningful ways that encompass problem complexities

**STEP 3:** Prioritizing
- After thorough analysis, develop and use reasonable guidelines for prioritizing factors to consider and choosing among solution options
- Efficiently implement conclusions, involving others as needed

**STEP 4:** Envisioning
- Acknowledge, explain, and monitor limitations of endorsed solution
- Integrate skills into ongoing process for generating and using information to guide strategic innovation

**FOOTNOTE:**
- Repeat or paraphrase information from textbooks, notes, etc.
- Reason to single "correct" solution, perform computations, etc.