I. Introduction
   - Overview
   - Position on developmental issues

A. Foundations/Assumptions
   1. Humans as information processing systems
   2. Development as self-modification
   3. task analysis
   4. mechanisms of development
   5. Methodology
      - unit of analysis
      - rule assessment
      - microgenetic method
      - computer simulations

B. Examples of IP research
   1. Elementary Processes - central to all cognitive tasks
      - Attention
      - Memory (capacity, strategy use).
   2. Higher Order Processes
      - Meta-Cognition and meta memory
      - Problem-solving
   3. Knowledge
      - Models for knowledge:
      - Expertise
   4. Current research

II. Discussion
   A. Evaluation of IP Approach
      1. Strengths
      2. Limitations

   B. Application
   How would you describe this approach to a teacher in the classroom? How could a teacher use IP ideas to improve practice?