Preparatory Questions for Exam III

Distributed Cognition

1. Describe the three guiding metaphors of Educational Psychology, as explained by Mayer (1996).

2. Discuss the concept of distributed cognition as it is explained by Hutchins & Klausen (2000), Dillenbourg (2006), and Dakers (2005). [In Dakers, focus on pages 78-83]. In your discussion, first, explain the essence of distributed cognition that is shared by the four articles. Second, produce an elaborated discussion of distributed cognition relative to the unique points each author brings into the distributed cognition concept.

3. Describe how the concept of distributed cognition can inform teaching and learning with technology in contemporary classrooms as described by Schwartz (2007).