Concepts addressed in this course: *Major cognitive processes associated with student learning: invention*

**Students should refer to:**

**Specifically, students should review:**
I.  Invention:  Type of Creative Thinking Skill
II. Closely Connected to Play
   a.  Toys shape thinking
   b.  Toys shape creativity
III. Dispositions Needed
    a.  Curiosity
    b.  Persistence
    c.  Challenge Assumptions
IV.   Invention Thinking Seen in Children
    a.  Block Play
    b.  Science Exploration
    c.  Spelling

**Helpful websites include:**
Invention at Play:  Lemelson Center for the Study of Invention -  [http://www.inventionatplay.org/index.html](http://www.inventionatplay.org/index.html)
MIT Lemelson Invention Program -  [http://web.mit.edu/invent/i-main.html](http://web.mit.edu/invent/i-main.html)