ECEM 130 MEETING 6 4/27/09

Review Wednesday's Class:

Questions and Comments Videos, Boundary Math experience
Insights and Ideas

Topic 1: Chapter 3: Equity

Discussion Questions:

1. Pygmalion Effect: How do you inform without bias?
2. Authentic Assessment: What methods are best?
3. What are open-ended math materials?
4. IEP, IFSP, IDES, FAPE – How do you accommodate for a child with Attention Deficit Disorder, Autism, Cerebral Palsy, Dyslexia/Dyscalculia

Topic 2: What is Number

Infants and Birds can count
Subitizing
Representation
One-to-one correspondence
Cardinal and Ordinal Numbers
Standards: count to 10 with meaning, identify numerals, construct sets
Getting kids to talk about counting

Topic 3: Math Activities for Counting with Understanding

Overview of Math Activities/Manipulatives

1. How to introduce in the classroom
2. Open ended vs. structured learning lesson

Activities:

1. Counting Books
2. Math lesson plans, manipulatives, and activity stations
    a. Board games
    b. Finger math/ how many taps?
    c. Hands-On Standards, # 1 – 6
    d. Number Match-Up
    e. Spinner Circles (felt board)
    f. Bowls of Beans Matching
    g. Domino Matching

Assignments: Look over Chapter 5 PowerPoint (emailed to you tonight)