Math-Ese
Revising the Ancient Language of Mathematics
Improving Mathematics Comprehension Through Literacy

- Students at collegiate level do not understand mathematic language
  - Numerator
  - Denominator
  - Reduce
- Low scores on math portion of mandated tests in public schools especially on word problems
- Connection?

Introductions
- Shawna Lyle
- Jana Peterson
- Pauline Hodges
- Elaina Stewart
- Jerry Mihelic
- Maggie Cline
- Robin Coffman
- Nancy Roberts
- Gwen Strain
- Joyce Shrock
- Representatives from business in the area
- External Evaluators
- Kyle Dahlem, OSRHE

Benefits of Workshop
- Ready to use Lesson Plans
- New Teaching Strategies
- Supply and Resource Information
- Information about Literature to Use While Teaching Mathematics
- Exposure to Teaching with Technology
- Books, Supplies, Posters, Manipulatives
Workshop Schedule

- Tuesday - Friday 8am-5pm
- Monday - Wednesday 9am-4pm
- Thursday & Friday - optional
- Five Follow-up Dates (Two Lesson Plans including one on following topics)
  - Sept. 9 “Cool Tools to Solve Challenging Word Problems”
  - Oct. 7 “Comprehension of Word Problems”
  - Oct. 28 “Mastering Math Vocabulary”
  - Nov. 18 “Using Manipulatives and/or Technology to Solve Math Problems”
  - Dec. 9 “Using R & R to Teach Mathematics”

Workshop Schedule

- Divided activities
  - Elementary 2-8 - HMH 109
  - Secondary 9-12 - HMH 108
  - Combined activities - HMH 127
- Lunch - OPSU Grill, Ballroom and Cafeteria
- Breaks - morning and afternoon
- Bathrooms
- Copy machines, telephones, etc.

Requirements

- Attendance
- Portfolio (Resource File)
  - Four Sections
    - Lesson Plans
    - Teaching Strategies
    - Supply and Materials Information
    - R & R Information
- Journal Entries

Requirements

- Lesson Plans including reflections
  - Following Supplied Format
  - Covering Math and Literacy
  - Including Sample Student Work Showing Mastery of Objective
  - Including Reflections
- Pre/post test at your school for unit taught