

DO NOT SUBMIT TO OFFICE OF STANDARDS AND CURRICULUM

Presentation Plan Sample

Presenter: Jane Doe Date: 3/13/11 Location: Anywhere OK
Target Audience (Subject/Grade Level): Elementary Teachers (Math and Other Subjects)
Title: Writing Mathematics About the World
Objective: To share a strategy with elementary teachers about how all content areas can be infused into mathematics without hurting the integrity of the math.

Planning Checklist

Activities/Groupings
 Direct Instruction
 Small Groups
 Pairs
 Individual
 Other

Visual Aids
 Slide Show
 Overhead Transparency
 Flip Chart
 Other: Copies of student work (poster size)

Handouts/*Leave-Behinds*
 Slide Show Handout
 Outline
 Worksheet
 Quotation
 Contact Information
 Other

Key Points

Students should be writing in math.
Students should model mathematics.
Science and Social Studies are important.
Grammar and Writing are critical in mathematics.

Materials and Technology Needed

Relevant magazine articles
Computer and projector
Extension cord
Markers
Sticky notes

Lesson Sequence (including activities and time needed to accomplish each)

- 2-3 min **1. Introduction** – Introduce myself and my district. State my objective.
5 min **2.** Have participants select and read a relevant magazine article.
5 min **3.** Have participants write a mathematical story problem about the article.
8 min **4.** Have participants share with a partner and determine a math model to solve.
14 min **5.** Post problems around room and have volunteers share with the group.
6 min **6.** Use slide show presentation to show research why this is important.
6 min **7.** Show transparencies of my students' work.
10 min **8.** Discuss how this could be modified for all grade levels and classrooms.
9.
2-3 min **10.** Review the objective and read quotation, "*Leave-Behind.*"

Reflections: Overall, I thought the session went well. They did not need so much time sharing their problems because they didn't know how to explain their models. I felt rushed in the research area, so maybe next time I can do the research first, talking about the use of mathematical models and then have them share what they did, if time allows.