

## Math 26 – Number Sense/Literature Project

**Due: Wednesday, April 10**

Read two children's picture books from which you can build lesson on number sense concepts. Choose two books of your choice or from the list posted on my web site. Write complete lesson plans that show a connection between the literature and number sense as defined in the NCTM *Principles and Standards for School Mathematics*.

### Paper

Hand in a typed paper. Arrange contents of the paper in order outlined below and on the score sheet. Correct spelling and grammar are expected so use the computer's spelling and grammar checker. Include the following sections in your paper.

For each book and lesson, include the following information:

#### A. Picture Book

- Short summary of the book
- Bibliographical Information

#### B. Lesson

- Intended grade level
- Mathematical concept(s) and objective of the lesson
- Outline of lesson
- Explanation of the origin of the activity – include the source and a statement of your personal contribution (you must have some original input into the activity).
- Prepare a student 1-2 page worksheet to accompany the lesson – questions/instructions should lead students to the intended objective.

### Assessment:

- Organize your work in the order listed above and on the score sheet for the narrative and lesson. Spelling, grammar, neatness and organization including the use of subheadings will be considered in your grade.
- Hand in a copy of the score sheet with the activity

Due Date: Week of April 10

Assessment on this project is based on the following criteria.

**Picture Book #1: Title** \_\_\_\_\_

Short summary of the book 3 pts. \_\_\_\_\_  
Bibliographical Information 2 pts. \_\_\_\_\_

**Lesson Plan #1**

Introduction  
Objective of lesson 3 pts. \_\_\_\_\_  
Intended Grade level of activity 3 pts. \_\_\_\_\_  
Original contribution to the activity 3 pts. \_\_\_\_\_  
Handout/Worksheet (required)  
Lesson outline 3 pts. \_\_\_\_\_  
Questions/instructions lead to conceptual understanding of intended objectives 3 pts. \_\_\_\_\_  
Clear directions/ expectations stated 2 pts. \_\_\_\_\_  
Organization, completeness, neatness 2 pts. \_\_\_\_\_

**Picture Book #2: Title** \_\_\_\_\_

Short summary of the book 3 pts. \_\_\_\_\_  
Bibliographical Information 2 pts. \_\_\_\_\_

**Lesson Plan #2**

Introduction  
Objective of lesson 3 pts. \_\_\_\_\_  
Intended Grade level of activity 3 pts. \_\_\_\_\_  
Original contribution to the activity 3 pts. \_\_\_\_\_  
Lesson outline 3 pts. \_\_\_\_\_  
Handout/Worksheet (required)  
Questions/instructions lead to conceptual understanding of intended objectives 3 pts. \_\_\_\_\_  
Clear directions/ expectations stated 3 pts. \_\_\_\_\_  
Organization, completeness, neatness 3 pts. \_\_\_\_\_

**Mechanics**

Spelling/grammar 2 pts. \_\_\_\_\_  
Neatness/organization; use of subheadings 2 pts. \_\_\_\_\_  
Score sheet handed in with project 2 pts. \_\_\_\_\_

Total Points = 54 \_\_\_\_\_

Letter Grade: \_\_\_\_\_