## Nikki Short Lesson Plan For 2/10/11

Lesson: \_\_\_\_Number Line Addition\_\_\_\_ Length: \_\_20 minutes\_\_\_ Age or Grade Level Intended: \_\_\_Kindergarten\_\_\_\_

## Academic Standard(s):

• Math Standard K.2.3: Describe addition and subtraction situations (for numbers less than 10).

#### **Performance Objective**(s):

• Students will use a number line to solve addition problems getting no less than 75% correct.

#### Assessment:

• Worksheet with math problems will be completed as the students use the number lines to find the answers to the problems. This will help the teacher see if the students understand how to use the number line in order to find answers to addition problems.

## **Advance Preparation by Teacher:**

- Create large number lines
- Create worksheet of addition problems

## **Procedure:**

## **Introduction/Motivation:**

- Over the past few weeks we have been working with addition and how to add numbers.
- Today we are going to discover a new way to help us add two numbers together.

## **Step-by-Step Plan:**

- Have the students gather around one of the large number lines you have laid out on the floor.
- Can anyone raise their hand and tell me what they think this is? (accept a few different answers) (*Blooms: Knowledge*)
- This is called a number line. A number line is kind of like a ruler but can go much longer than the 12 that is on the ruler. My number line goes up to 10.

- We are going to use these number lines to help us find the answers to the list of addition problems I have for you.
  - Does anyone have an idea of how we can do this? (accept different answers) (*Blooms: Comprehension*)
- I am going to show you how we are going to use our number lines to solve addition problems(*Gardner: Bodily-Kinesthetic*)
  - Teacher demonstrates by using the sample problem of 3+4. Stand next to the number 3 on the number line. Tell the students that you start there because the first number in the addition problem is 3. To add 4, take 4 steps forward which will get you to the number 7. Have the students count along with you as you take each step.
    - If needed, demonstrate again to make sure the students understand what to do.
  - Assign partners to each number line.
  - Have the students work as a group, taking turns using the number line to solve the problems. Give time for the students to complete the worksheet.

# **Closure:**

- Have the students turn the worksheet into the completed work tray.
- Review how to use a number line to help solve addition problems.

# Adaptations/Enrichment:

• If a group finishes early, have them turn their paper over and create their own addition problems and have them solve the problems using the number line.