

Investigations (2nd 9 weeks)

Book: Collecting, Counting, and Measuring

Session: Investigations 1 Counting Books

Pages: 4-11

1. Concept: Students will represent quantities with pictures and numbers.

2. CSO's

- M.O.K.1.1
- M.O.K.1.2
- M.O.K.1.3

3. Technique/Procedure

Introduction/Set

- 1) Discuss what it means to count and when we would count in class
- 2) Read a counting book and discuss as you read each page.
- 3) Discuss the correlation between the pictures and numbers
- 4) Discuss the sequence of numbers 0-6
- 5) Provide students with a black line master of _____'s Counting Book (pages 115-122)
- 6) Model how to complete each page. (page 1 has 0 so no pictures are needed, page 2 has 1 so draw a picture of one item and color in 1 square on the grid from bottom to top, ...)
- 7) After modeling and completing numbers 0-2, Teacher will continue to guide students in completing numbers 3-6.

4. Closure: Students will share pages from their counting book. They will demonstrate one to one correspondence to show their understanding of number/picture relations. Books will be places in choice time for reading and creating additional counting books on their own.

5. Today's Math/Assessment:

- ❖ Students will count and represent quantities with pictures, numbers, or words.
- ❖ Students will create a counting book
- ❖ Assess for the following:
Can the child:
 - ✓ Demonstrate a knowledge of number sense
 - ✓ Share their representation for numbers 0-6
 - ✓ record his/her work
 - ✓ Does the representation match the numeral?

Each student's "_____ 's Counting Book" will be placed in the classroom library.

6. Materials:

- A collection of counting books. Examples are Anno's Counting Book, Ten Black Dots, Count and See
- Crayons, markers, colored pencils
- _____ 's Counting Book (pages 115-122)

7. Vocabulary: grid, representation,

8. Extension Activity:

- ❖ Have students extend their counting book.

- ❖ Use Annos' Counting book to introduce and talk about months and seasons of the year.

9. Choice time will include:

- My Counting Book
- Grab and Count
- Counting Jar