

Investigations (2nd 9 weeks)

Book: **Collecting, Counting and Measuring**

Session: **Investigations 5: Least to Most**

Pages: 66-75

1. Concept:

- ✓ Students will compare the lengths of three or four towers of cubes.

2. CSOs:

- ✓ M.O.K.4.1

3. Technique/Procedure/Introduction/Set:

- ✓ Ask four volunteers to each grab, count and build a tower for a handful of cubes, each taking cubes of different colors
- ✓ Line up the four towers next to each other, but not in the order by length. Ask students what they notice about the towers. *"Which tower has the most cubes? How do you know? Do any of the same numbers of cubes? Are any equal? Which tower has the least cubes? How do you know?"*
- ✓ Have the class help you order the towers from largest to smallest.
- ✓ Pass out cubes to the children. Have the student grab a handful and color in a cube strip for each handful. Then cut and glue in order on a white sheet of paper.

Closure:

Bring students together to compare their recording sheets.

4. Today's Math/Assessment:

- ✓ Teacher will assess the recorded sheets to see if the students can order from greatest to least or least to greatest.
- ✓ Teacher will observe how students counted the handfuls and how they ordered their towers.

5. Materials:

- ✓ 4 bins of cubes sorted by color
- ✓ Crayons to match color of cubes
- ✓ Recording sheet "Cube Strips" (p. 135)
- ✓ Unlined paper and glue sticks

6. Vocabulary:

- ✓ least
- ✓ most

Choice Time:

- ✓ **Grab and Count: Least to Most**
Students will grab several handfuls of cubes, count them, build towers with them, and put the towers in order by size.
- ✓ **Racing Bears:**
To play Racing Bears, students roll a dot cube and move one or more of the four bears the indicated number of spaces along a track. The object is to land each bear on the tenth space, to collect a counter.
Racing Bears Gameboard (p. 133)
four teddy bear counters
dot cubes