

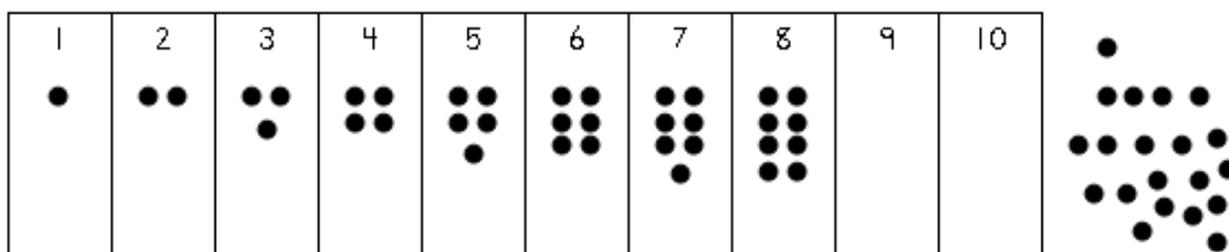
## Number Cards and Counters

### **Prior Knowledge:**

- Child should have prior knowledge of the following before introducing this work:
  - Red and Blue Rods with Cards
  - Spindle Box

### **Materials:**

- A mat divided into 10 sections.
- You can create your own out of items such as a large piece of posterboard (1/2 size cut lengthwise) and then laminate.
- Number cards
- You can purchase counters at local stores (many large discount stores and most always at a teacher store). You can also use buttons, or any small round objects.

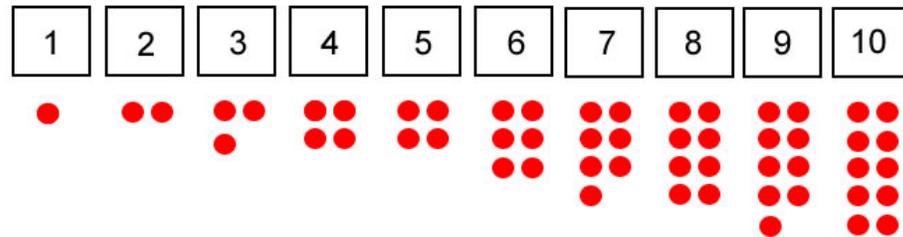


### **Instructions:**

1. Invite a child to the lesson after they have the prior knowledge as listed above.
2. Model the lesson for the child. Show enthusiasm for the work. Many times a child's motivation for the work (whether it is boring or interesting) depends upon how it was modeled for them by the adult.
3. Place the box of counters and the number cards on the workspace.
4. Take out the number cards and place them in scrambled order on one side of the workspace.
5. Say aloud, "Hmm... what number comes first? Oh yes... 'one.'" Pick up the card with the 'one' on it and place it to the left hand side of the center of the workspace.
6. Then say aloud, "Now what comes next? Oh yes, 'two'." Pick up the card with the 'two' on it and place it next to the one in the center of the workspace. Repeat this until all cards are placed in a row.

7. Now touch the '1' card and say "1." Pick up one counter and place directly under the 1 card. Say 'one' again.
8. Touch the '2' card and say "2." Pick up one counter and place directly under the 2 card and then pick up a second counter and place it directly next to the first counter. Say and count at the same time "one,two.....two!" Repeat this process for the rest of the numbers.

\* When placing counters, place them in the following pattern:



When placed in the above pattern, you can easily transition into an explanation of odd even numbers as an advanced variation.