

MATH WORK - FALL GUIDE, NOVEMBER Week 3 continued

Numeral Cards Overview Age-4+

Objective: Present written symbols of numbers for the gold bead materials-units, tens, hundreds, and thousands. Gives understanding of the make up of the decimal system.

Materials: A large square mat divided into sections with columns for units, tens, hundreds, thousands for holding the layout shown below. Numeral cards as shown below.

Lesson: Lay out the mat. Start with the units.

Counting "1, 2, 3, 4,5, 6,7,8,9" place the numeral cards in order down the right column.

Lay out the tens next, "ten, 2 tens, 3 tens, 4 tens, 5 tens, up to 9 tens."

Next lay out and count, " 1 hundred, 2 hundred, 3 hundred," up to 9 hundred.

Then, 1 thousand to 9 thousand.

1000	100	10	1
2000	200	20	2
3000	300	30	3
4000	400	40	4
5000	500	50	5
6000	600	60	6
7000	700	70	7
8000	800	80	8
9000	900	90	9

Bird's Eye View or Numeral Cards Overview with Beads

Objective: Match quantity (beads) with symbols (numeral cards)

Materials: Numeral cards and Golden Beads: 45 units, 45 ten bars, 45 hundred squares, 45 thousand cubes (or use 9 thousand cubes and bring them down as needed.)

Lesson: Lay out the mat. Lay out the numeral cards as in Numeral Cards Overview.

Beginning with the units, lay out the beads to the right of the corresponding numeral card.

The following for illustration only- hundreds and thousand beads are stacked on top of each other.

1000 □	100 □	10 /	1.
2000 □□	200 □□	20 //	2..
3000 □□□	300 □□□	30 ///	3...
4000 □□□□	400 □□□□	40 ////	4....
5000 □□□□□	500 □□□□□	50 /////	5.....
6000 □□□□□□	600 □□□□□□	60 /////	6.....
7000 □□□□□□□	700 □□□□□□□	70 /////	7.....
8000 □□□□□□□□	800 □□□□□□□□	80 /////	8.....
9000 □□□□□□□□□	900 □□□□□□□□□	90 /////	9.....