



Millions of Cats: Exploring Number Concepts

Grades: Lower Primary

Designed by: Donna Manuel

Information Literacy Standard 3, Indicator 4

Kentucky Core Content: MA-E 1.1.5

JCPS Curriculum Map: Math – Week 10

Prerequisite for student success: Ability to use crayons and scissors.

Supporting Skills/Prior Learning: Ability to count 1- 100 and beyond.

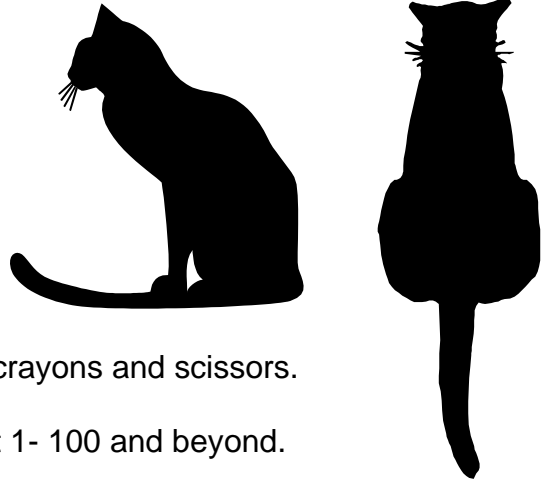
Objective: Students will demonstrate proficiency in solving problems that involve understanding and application of numbers and number relationship.

Materials/Technology:

- Gag, Wanda. *Millions of Cats*. Coward McCann, 1952.
- Crayons
- Scissors
- Class set of cat patterns for P1's or drawing paper so P2 students can draw their own picture of a cat.
- Wall space to hang finished cat pictures

Lesson Length:

One 45 minute class period



Procedures:

- Tell students that they are going to hear a story about lots and lots of cats.
- Have students hold up fingers and thumbs on both hands. Have students count how many fingers and thumbs of all the students at their table. Write each table number on the board or on chart paper. One student from each table will come up and write their total number of fingers and thumbs next to their table number. Together, add all of the fingers and thumbs for all the tables.
- Tell students that they are going to hear a story about lots and lots of cats, many more than the number of fingers and thumbs of our whole class.
- Go over the refrain below to introduce hundreds, thousands, millions, billions, and trillions. Have students chant the refrain when it occurs during the story.

TABLE #	# of fingers
1	50
2	60
3	40
4	50
5	40
TOTAL	240

***'Cats here, cats there,
Cats and kittens everywhere,
Hundreds of cats,
Thousands of cats,***

Millions and billions and trillions of cats.'

- Read the storybook *Millions and Millions of Cats*, letting students chant the refrain when it occurs.
- Each student will draw and/or color and cut out 10 cats.

Closing:

Students will tape their finished cats on the wall.

Student Assessment:

Students will count all of the cats on the wall to see if we reach hundreds of cats, or millions and billions, and trillions of cats.

Refinement-Lesson Extension/Follow-up:

Read other books with refrains that students can say together.

Related Websites:

About Wanda Gag

Biography of Wanda Gag - <http://www.ortakales.com/illustrators/Gag.HTML>

Photo and information about Wanda Gag's childhood home in New Ulm, Minnesota -

<http://www.newulmweb.com/citylights/gag/gag.htm>

Brief biography of Wanda Gag -

http://people.mnhs.org/authors/biog_detail.cfm?PersonID=Gag173

