

# One Gorilla

## Number Sense & Numeration

- An understanding of numbers and operations



- Counting, adding and subtracting numbers

### By three years many children:

- Count items from 1-5 using one-to-one correspondence

### By six years many children:

- Count items up to 100
- Add or subtract numbers up to 10, counting by ones

### You can help children to:

- Understand the concept of numbers by pointing to different objects and counting them aloud

*One Gorilla* shows children how to add or subtract items by counting.



### Storytime activities to use with *One Gorilla*:

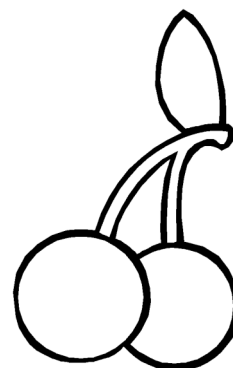
- While reading the book, take time to point to each animal while counting aloud.
- Draw children's attention to the numerical symbol for each number, for example, the symbol "2."
- Use math language while looking at the book, such as; "1 gorilla *plus* 4 squirrels *equals* 5 animals."
- At the back of the book there is a chart showing all the animals. Ask children which line has the most animals in it? Which has the least?

To extend the learning in "*One Gorilla*" have children help you solve everyday number problems by counting, adding and subtracting wherever you go.

# At Home

**1,2,3,4**

1,2,3,4,  
Mary at the kitchen door,  
5,6,7,8,  
Eating cherries off her plate.



*Substitute “Mary” for your child’s name.  
Substitute “cherries” for the food you are eating.*



## Play With Your Food

Count your food. Use raisins, crackers or cheerios. Ask your children, “How many raisins would you like?” This helps the child understand quantity.

Do simple math with your food, for example; “1 cracker *plus* 1 cracker *equals* 2 crackers.”

While you’re counting sing, “One little, two little, three little raisins ... 10 little raisins round.” Then sing backwards, “10 little, 9 little, 8 little...” and eat the raisins.



### **Early math:**

1. *Is important to the development of logical thinking*
2. *Helps children to predict based on their observations*

Five areas of mathematical concepts are called **strands** by the Ontario Ministry of Education.

1. Numbers and numeracy
2. Spatial awareness and geometry
3. Measurement
4. Patterning and algebra
5. Data management and probability



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# At Childcare

## For Toddlers

- Choose several songs or poems with numbers in them, such as; “Five Little Monkeys,” “One, Two, Buckle My Shoe,” and “The Ants Go Marching.”
- Create several cards by printing the title of one song on each card. Include a picture that represents that song to help the children identify the card. Have children choose a card. Everyone sings that song together using appropriate actions to emphasize the numbers in the song.

## For Preschoolers

- Create song and poem title cards by printing the title of a song on one side of an index card. On the other side, print a number. Add objects to correspond to the number, for example; print the number “5,” then draw five triangles beside it. Children choose a card by choosing the number on the back. Count the objects on the card. Sing the song written on the other side.



## Great books that feature Number Sense and Numeration:

*Counting Kisses*, Karen Katz  
*So Many Bunnies*, Rick Walton  
*One Hundred is a Family*, Pam Munoz Ryan  
*My Arctic, 1,2,3*, M.A. Arvaarluk Kusugak  
*Three Little Pigs*, Paul Galdone

## Websites that are helpful:

<http://www.enchantedlearning.com/themes/123.shtml>  
[www.ed.gov/pubs/EarlyMath/whatis.html](http://www.ed.gov/pubs/EarlyMath/whatis.html)



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