

Counting and Cardinality

Grade K

Vocabulary Words Your Student Will Learn

One-to-one

Correspondence: Students assign one number to each object as they count

Count On: Starting at a given number and counting forward from that number

Greater Than: A number that has a higher value than another number

Less Than: A number that has a lower value than another number

Equal: Having the same value

What Your Student Will Learn:

- ◆ Count to 100 by ones and by tens.
- ◆ Count forward starting with any number (instead of having to begin at 1).
- ◆ Write numbers from 0 to 20.
- ◆ When counting objects, say the number names in order, pairing each object with one and only one number name and each number name with one and only one object.
- ◆ Understand that the last number name said tells the number of objects counted. The number of objects is the same regardless of their arrangement or the order in which they were counted.
- ◆ Understand that each successive number name refers to a quantity that is one larger.
- ◆ Count to answer “how many?”
- ◆ Identify whether one group of objects is greater than, less than, or equal to the number of objects in another group
- ◆ Compare two numbers between 1 and 10 presented as written numerals.

Everyday Activities You Can Do At Home:

- ◆ Play the license plate game with numbers as you walk through your neighborhood. Have them look for a 1 on a license plate. Then find a 2, then a 3, and so on.
- ◆ Write your name and a family member’s name. How many letters are in your name? How many are in your family member’s name? Which name has more?
- ◆ Look through a store ad. Cut out numbers 0-20. Put the numbers in order from least to greatest.
- ◆ Grab a handful of an item, cereal, beans, etc. Estimate how many pieces you grabbed. Now count them. Was your estimate close?
- ◆ Estimate how many spoonfuls it take to finish a bowl of cereal. Count each spoonful as you eat.
- ◆ Walk around your home. Count how items are plugged into the wall.
- ◆ Show the number 5 in as many ways as you can. Use pictures and numbers.