



# PRE-KINDERGARTEN MATHEMATICS – Unit 5

Dear Parents,

Here is what your child is learning in Pre-Kindergarten, Unit 5 along with some specific ways you can help. Look for additional newsletters for upcoming units.

## INTRODUCING THE NUMBERS 0-10

### *Students need to:*

- Use one-to-one correspondence and rote counting to determine how many objects are in a set of up to 10 objects.
- Verbally count to 10 by ones and then develop rote counting to 20 by ones.
- Understand the relationship between numbers and quantities to 10.
- Recognize that the last number name said tells the number of objects counted.
- Identify, describe, and create sets of up to 10 objects using concrete materials (ten frames), pictures and/or numerals (with 0 representing a count of no objects).
- See numbers 6 – 10 with a 5 group (dot arrays, fingers, ten frame).
- Match a numeral to a set 0-10.
- Recognize written numerals 0 – 10.
- Count and discuss quantity 0-10 in various arrangements (line, array, scattered).
- Recognize the concept of just after or just before a given number in the counting sequence up to 10.
- Use one-to-one correspondence to identify, describe, and compare sets of concrete objects using language such as “more than,” “less than,” or “same as”.
- Recognize that each successive number name refers to a quantity that is one larger.

## KEY WORDS AND PHRASES

As many as	Five	Most	Same
Compare	Four	Next	Seven
Count	Greater than	Nine	Six
Eight	Least	Number path	Ten
Equal	Less	One	Ten frame
Fewer than	Less than	One less	Three
Five frame	More	One more	Two
	More than		Zero

## WAYS PARENTS CAN HELP

- Practice counting forwards and backwards with your child
- Practice putting number cards in order (0 - 10)
- Count things around the house (steps, toys, food items...)
- Use number cards to label a set of objects of that quantity.
- Have your child create a set of objects that matches a number shown.
- Practice writing the numbers up to 10
- While in the car challenge your child to find a certain number of an object. For example, have your child find 6 blue cars or 8 blue trucks.
- Build sets together using things around the house. Compare the sets using the phrases “more/greater than”, “less than”, “same as”.

Carroll County Public Schools Parent Math Video Links

[Understanding Ten Frames \(http://video.carrollk12.org/view/ROTHSCHILDUSINGTENFRAMES\)](http://video.carrollk12.org/view/ROTHSCHILDUSINGTENFRAMES)