First Grade Mathematics
12/1/2015

Course Description:
Students will understand that our counting system is based on tens and ones and counting tells how many. Students will manipulate numbers to solve every day problems as well as demonstrate an understanding that tables, charts and graphs give us information.

Big Ideas:
1. Our counting system is based on 10's and 1's.
2. Counting tells me how many.
3. We manipulate numbers to solve everyday problems.
4. Tables, charts and graphs give us information.

Essential Learner Outcomes:

1st Grade		
1.	Students will use addition and subtraction with 20 to solve word problems	1.OA.1
2.	Students will apply properties of operations as strategies to add and subtract using the commutative and associative properties of addition.	1.OA.3
3.	Students will understand subtraction as an unknown-addend problem.	1.OA.4
4.	Students will count to 120, starting at any number less than 120 including reading and writing numerals and represent a number of objects within a written numeral.	1.NBT.1
5.	Students will understand that the two digits of a two-digit number represent amounts of tens and ones.	1.NBT.2
6.	Students will compare two two-digit numbers based on meanings of the tens and ones digits, recording the results of comparisons with the symbols >, =, and <.	1.NBT.3
7.	Students will use concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction students will add within 100, including adding a two-digit number and a one-digit number and adding a two-digit number and a multiple of 10.	1.NBT.4
8.	Students will organize, represent and interpret data with up to three categories, ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.	1.MD.4
9.	Students will partition circles and rectangles into two and four equal shares, describe the shares using the words halves, fourths, and quarters, and use the phrases half of, fourth of, and quarter of.	1.G3