Mathematics - Grade 4	
Text:	Georgia Mathematics 4 by Scott Foresman/Addison Wesley (2008)
Supplemental Materials:	Homework workbooks, CRCT benchmark workbooks, problem solving workbooks, daily math spiral review, websites: i.e. www.pearsonsuccessnet.com, flashcards, money bingo, manipulatives i.e. money, clocks, base ten pieces
Course Description:	Fourth grade math correlates to the Georgia Performance Standards. Students will understand the concept of whole numbers, meanings of multiplication and division, find the area and perimeter of geometric figures, tell time, understand fractions and solve problems.
Methods of Evaluation:	Tests, quizzes, daily work.
Pace of Instruction:	First quarter: Place value and money, add and subtract whole numbers Second quarter: Multiplication and division, telling time Third quarter: Telling time, multiplying, and dividing larger numbers Fourth quarter: Dividing larger numbers, fractions, and geometry
Course Objectives:	PLACE VALUE: Identify and explain numbers in the thousands, understand greater numbers, compare and order numbers, round, use money to understand decimals, count money, make change ADDING AND SUBTRACTING WHOLE NUMBERS: Add and subtract mentally, estimating sums and differences, add and subtract using regrouping, evaluate expressions, and solving equations MULTIPLICATION AND DIVISION: Understand meanings for multiplication and division, use known facts to find unknown facts, identify patterns, solve multistep problems TIME, DATA, AND GRAPHS: Tell time and elapsed time, identify units of time, draw, label, and read pictographs, line plots, and bar graphs, graph ordered pairs, understand mean, mode, and range MULTIPLYING BY ONE DIGIT: Multiply larger numbers with 0's in them, estimate products, use arrays, mental math, try, check, and revise, multiply money, multiplying three factors MULTIPLYING BY TWO DIGITS: Multiply multiples, estimate, use arrays, make an organized list, multiply two digit numbers, multiply greater numbers, multiply money DIVIDING: Use patterns to divide mentally, estimate quotients, divide with remainders, divide with two digit quotients, divide two and three digit numbers, divide money, identify divisibility rules, find averages, divide by multiples of then, and divide with two digit divisors FRACTIONS: Identify parts of a region and set, estimate fractional parts, write equivalent fractions and fractions and fractions in simplest

	form, use number sense to compare and order fractions, change mixed numbers and improper fractions GEOMETRY: Relate solid and plane figures, identify polygons, identify and draw lines, line segments, rays, angles, triangles, quadrilaterals, circles, identify congruent figures and find perimeter, area, and volume