

GBCS Curriculum Guide			GRADE: 9-12		SUBJECT: Basic Math			
Topic	Pacing	Unit	Standards	Enduring Understandings & Essential Questions	Learning Targets	Vocabulary/Concepts	Materials	Assessments
Patterns and				Students demonstrate increasingly complex understanding of Number Sense				
		Create, describe	F.11.EB01	<p>The student can extend or describe a number pattern and articulate that pattern</p> <p>The student can select numbers / quantities that continue the pattern</p> <p>Students can interpret information and apply it to real world problems</p> <p>Students will recognize a relationship between numbers</p> <p>Students can extend or describe a repeating number pattern found in daily life such as calendars and schedules</p> <p>Students can order the days of the week, months of the year, in the correct sequence</p>	The student will be able to	Increase, Decrease, addition, subtraction, multiplication, division, next, before, after, weekly, bi-weekly, monthly, bi-monthly, schedule		
		Explain how to find	F.11.EB02		The student will be able to			
		Calendars / Schedules	F.11.EB03		The student will be able to read a calendar and schedule and follow each when given a series of questions.			
Measure and use Units				Students demonstrate increasingly complex spatial reasoning and understanding of geometric principles.				
		Select and use standard tools for	G.11.EB01	Students will know precise tools for measuring	The student will identify the appropriate tool needed for	Inches, feet, yards, mile, whole inch - 1/16 of an inch, pounds, ounces, degrees, square area, minutes, seconds, cents, months, weeks, years, perimeter, area, distance, heavy, light, heavier, lighter, hotter, colder,		
		Select appropriate	G.11.EB02		The student will utilize the			
		Measure and	G.11.EB03	Students will express quantities to the appropriate precision of	The student will be able to find			
		Convert	G.11.EB09		The student will be able to			
		tell time to nearest	G.11.EB.10		The student will be able to			
		know, interpret, and	G.11.EB11	Students will identify the differences	The student will be able to read			
		Solve one and two	G.11.EB14		The student will be able to			
Money				Students will solve increasingly complex problems and understanding involving money				
		Recognize equivalent sets of coins and bills	G.11.EB15	Students will identify the differences	The student will be able to identify and sort money.	Dollars, Penny, Nickel, Dime, Quarter, Half-dollar, Tenth, Hundreth, cash, bank savings account		

		use symbols, add, subtract money, and round to nearest dollar, ten, and hundred.	G.11.EB16 G.11.EB17 G.11.EB18	between coins Students will make equivalent monetary quantities	The student will be able to round to the nearest one, ten, and hundred place value. The student will be able to add and subtract numbers written as dollars and cents.	bank, savings account, checking, debit card, credit card, draft, currency, deposit, salary, statement, withdrawl,		
Use Maps and Grids				Students will select the appropriate graphical representaiion for the data given				
		Find and name	G.11.EB19		The student will be able to	City, state, compass rose,		
		Read and Interpret maps and grids	G.11.EB20	Students will construct a simple table given data Students will solve real world situations when given data, table,	The student will be able to read and utilize the information given on a map and grid.	legend, cardinal direction, scale, hemisphere, poles		
Explore Data				Students demonstrate increasingly complex understanding of data and analytic procedures.				
		Read charts,	D.11.EB01		The student will be able to read	Pie chart, line graph, bar		
		Construct, draw,	D.11.EB02		The student will be able to read	graph, trend, legend, no		
		Solve problems using data	D.11.EB05 D.11.EB06 D.11.EB07 D.11.EB08	Students will determine and predict the based on data in tables Student can use and construct graphs Students can sort data Students can solve problems and describe trends using data	The student will be able to read and interpret the given data charts. The student will be able to solve problems using different mathematical opertaions that relate to given data.	change, frequent change, gradual change, between, histogram, compare, level, describe, slight, scale		
Number sense /				Students will practice writing out numbers and spell them correctly				
		Read, write, count	N.11.EB01		The student will be able to	Equivalent, Greater than,		
		Explore / recognize	N.11.EB02		The student will be able to	Less than, equal to,		
		Express, order and	N.11.EB03	Students will add, subtract, multiple, and divide numbers using real world problems	The student will be able to	numerator, denominator,		
		Compute Whole	N.11.EB06		The student will be able to add	improper fractions, mixed		
		Fractions decimals	N.11.EB010		The student will be able to write	number, more, less, percent, percent off, about,		
		Problem Solving and Estimation	N.11.EB019 N.11.EB020 N.11.EB021	Students will manipulate fractions and change them from improper fractions to mixed numbers, find equivalent fractions and decimals equivalents Students will estimate to solve given problems	The student will be able to read a story problem and solve it using the appropriate math operation. The student will be able to use estimation when adding, subtracting, multiplying and dividing. The student will	almost, close to, sum, product, difference, quotient, round, estimate,		