## Pacing Guide Overview 1<sup>st</sup> QUARTER Content Area: Basic Skills Developmental/GQE Math

Week	Essential Outcome / Concept / General Overview	GQE Blueprint Area	INDIANA Standards	Resources used (textbook pages, charts, assessments, etc.)
1	Students will understand and solve Equalities using addition, subtraction, multiplication, and division.	1	2,7	GQE test prep materials, teacher created handouts, Software Program
2	Students will understand and solve Inequalities using addition, subtraction, multiplication, and division	1	2,7	GQE test prep materials, teacher created handouts, Software Program
3	Students will sketch and interpret graphs representing given situations.	2	3	GQE test prep materials, teacher created handouts, Software Program
4	Students will graph linear equations in two variables.	2	4	GQE test prep materials, teacher created handouts, Software Program
5	Students will graph linear equations and inequalities in two variables. They will write equations of lines and find and use the slope and y- intercept of lines.	2	4	GQE test prep materials, teacher created handouts, Software Program
6	Students will graph linear equations and inequalities in two variables. They will write equations of lines and find and use the slope and y- intercept of lines.	2	4	GQE test prep materials, teacher created handouts, Software Program
7	Students will solve pairs of linear equations using graphs and using algebra.	3	5	GQE test prep materials, teacher created handouts, Software Program
8	Students will solve pairs of linear inequalities using graphs. They will solve word problems involving pairs of linear equations.	3	5	GQE test prep materials, teacher created handouts, Software Program
9	Rules for Exponents-Students will simplify and compare expressions. They will use rational exponents and simplify square roots.	4	1	GQE test prep materials, teacher created handouts, Software Program

## Pacing Guide Overview

2nd QUARTER

Content Area Basic Skills Developmental/GQE Math

Week	Essential Outcome / Concept / General Overview	GQE Blueprint Area	INDIANA Standards	Resources used (textbook pages, charts, assessments, etc.)
10	Rules for Exponents-Students will add and subtract exponents.	4	1	GQE test prep materials, teacher created handouts, Software Program
11	Rules for Exponents-Students will multiply and divide exponents.	4	1	GQE test prep materials, teacher created handouts, Software Program
12	Students will add, subtract, multiply, and divide polynomials and use the FOIL method.	4	1,6	GQE test prep materials, teacher created handouts, Software Program
13	Students will solve radical equations.	5	8	GQE test prep materials, teacher created handouts, Software Program
14	Students will solve quadratic equations by factoring. Students will solve quadratic equations in which a perfect square equals a constant.	5	8	GQE test prep materials, teacher created handouts, Software Program
15	Students will solve quadratic equations by factoring where a=1.	5	8	GQE test prep materials, teacher created handouts, Software Program
16	Students will solve quadratic equations by factoring where a is not equal to 1.	5	8	GQE test prep materials, teacher created handouts, Software Program
17	Students will graph and solve quadratic and radical equations.	5	8	GQE test prep materials, teacher created handouts, Software Program
18	Students will graph and solve quadratic, cubic, and radical equations.	5	8	GQE test prep materials, teacher created handouts, Software Program

## Daily Plan for Basic Skills Developmental/GQE Math

Weekday	Task	Bundle(s)	INDIANA Standards	Resources used (textbook pages, charts, assessments, etc.)
Monday	Students will be given an ample amount of story problems that address the skill being taught for the week. Students will work alone and in groups.			Test Prep materials, multiple resource books.
Tuesday	Students will go into the Math lab to work on individualized software program.			Currently, Compass software.
Wednesday	Students will work on skill for the week through direct instruction from the teacher and in small group settings.			Test prep materials, Algebra 1 materials, teacher generated materials
Thursday	Students will take small assessments on the skill for the week.			Assessments built from IN-finite Algebra, Exam View, and Algebra software
Friday	Re-teach or Pre-teach day. Depending on the mastery level of the students, the teacher will either re-teach the skill or pre-teach the next.			As needed

Student Norms and Notes	<ol> <li>All students will keep a 1 inch binder in the classroom. The binder will contain story problems, vocabulary, practice pages, and notes.</li> <li>All students will have, at least, a 4 function calculator.</li> <li>Students will be graded on having required materials, commitment to success, and participation in the program.</li> <li>Tuesday and Wednesday are interchangeable as lab schedule permits.</li> <li>Students must get a C or better to qualify for waiver if they don't pass the test. All attendance policies apply.</li> </ol>	Assessed weekly Calculator stays in binder. We are short 6 computers for Mr. Geyer. We are working on that right now!
Program	1. We need to put diagnostic test on Moodle.	Help Mary Gish!
Notes	2. We need 18 short assessments.	Use PLC time to write these.
	3. We need to get 6 Laptops we-ready for $2^{nd}$	Talked to Kevin McGuire on 1/14.
	semester.	
	4. We should consider ability/Blueprint area	Once we go online with ECAs, this will be
	grouping these classes.	easier.

Revised 2010