

## LESSON PLAN

**For the week of:** January 26-30, 2015      **Teacher:** Mrs. Collins      **Subject:** Pre-Algebra      **Grade:** 7<sup>th</sup>/8<sup>th</sup>

	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>Content Standard</b>	5.01a, b, c, d Develop an understanding of functions. 5.02 Write an equation of a linear relationship. 5.05 Use systems of linear equations to solve problems.	5.01a, b, c, d Develop an understanding of functions. 5.02 Write an equation of a linear relationship. 5.05 Use systems of linear equations to solve problems.	5.01a, b, c, d Develop an understanding of functions. 5.02 Write an equation of a linear relationship. 5.05 Use systems of linear equations to solve problems.	<b>Senior Play</b>  Special Activity for the morning classes.	5.01a, b, c, d Develop an understanding of functions. 5.02 Write an equation of a linear relationship. 5.05 Use systems of linear equations to solve problems.
<b>Biblical Integration</b>	As we see the relationship of ordered pairs while graphing this week, we will talk about how a relationship with God is the most important relationship that one can have and should have a vertical line test of its own. John 1:12				
<b>Bellwork</b>	Puzzle	Puzzle	Puzzle	Puzzle	Puzzle
<b>Instructional Strategies</b>	Students will learn to determine whether a relation is a function and how to write a function using function notation.	Students will learn to describe sequences using words and symbols. Students will find terms of arithmetic sequences.	Students will learn to solve linear equations with two variables and graph linear equations using ordered pairs.	Students will be introduced to Leonardo Pisano, the Fibonacci sequence, and why it is often referred to as the fingerprint of God.	<b>Quiz Lessons 8.1-8.2</b> Students will review the concepts in 8.1-8.2 and take a quiz. Students will then learn to solve linear inequalities with two variables and be able to graph them.
<b>Homework</b>	p. 401- 402 #1-20 ALL	p. 407 #1-25 ODD #27 Bonus <b>Homework grade due Wednesday</b>	No HW  Classwork – p. 413 #1-24 EVEN	Study for Quiz	<b>Quiz Lessons 8.1-8.2</b>  p.417 #1-9 ODD