

# Frankfort Jr./Sr. High School

## Math 8

Text: Glencoe: Mathematics Applications and Connections Course 3 (Copyright 2001)

Pre-requisites: Completion of 6<sup>th</sup> grade math

## Instructor

Mr. Zimmerman

Room 21

Conference time: Tues. and Friday 8:05-9:30 Wed. 9:02-9:53

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## Goals

This course is designed to prepare all students for success in Algebra and Geometry by introducing a variety of new concepts at the appropriate time over the three course series.

Students completing this course will be ready to advance their mathematical careers into higher level classes.

## Student Responsibilities

Students will be expected to complete homework assignments on time and participate in daily discussions. General Rules for the class will be:

1. Use a pencil for all work.
2. Come to class prepared. (Book, Calculator, Pencil, Homework)
3. Be in your seat when the bell rings to begin class.
4. Do not lean back in your chair.
5. Put your name, date, page number in the upper right hand corner of the paper.
6. Do not do anything that will bother other students.
7. Copy examples off the board. The best review is to re-work these problems.
8. When you are absent YOU are responsible to find out what you missed.
9. Gum, food, and drinks other than water will not be allowed in the classroom.
10. Notebooks may be used to take notes and then used on all test.

## Course Outline

Problem Solving and Algebra  
Algebra-Using Integers  
Using Proportions and Percent  
Statistics: Analyzing Data  
Geometry: Investigating Patterns  
Exploring Number Patterns  
Algebra: Using Rational Numbers  
Applying Proportional Reasoning  
Algebra: Exploring real Numbers  
Algebra: Graphing Functions  
Geometry: Using Area and Volume  
Investigating Discrete Math and Probability  
Algebra: Exploring Polynomials

## Grading Scale

The uniform grading scale found on page 12 of your planner will be used.

Homework/Homework quizzes will count 50% of your grade and Test will count 50% of your grade.

Your final Semester grade will be 45% for each of the marking periods and 10% for the exam.

## Policy Information

Attendance/Tardy policy—handbook page 35-38

Late work is not accepted except as makeup for excused absences as outlined in your student handbook. Any pre-excused or school related absence must be made up as if you were never gone.

Extra credit is given on the quiz everyday and usually on most tests so no other extra credit will be offered.

Student Ethics Policy: Student handbook pg. 19

Student Signature \_\_\_\_\_ Date

Parent Signature \_\_\_\_\_ Date