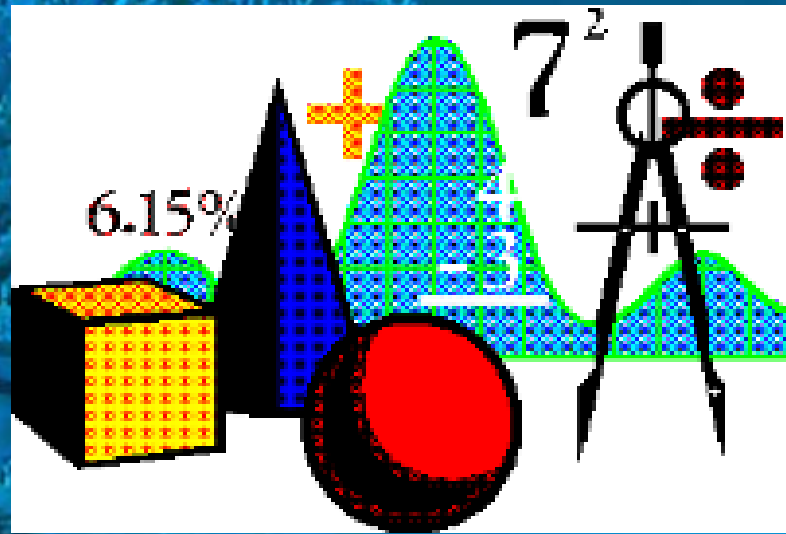


# MIV: Advanced Algebra



## Syllabus, Rules, Procedures and Expectations

Vikie's Classroom

Victoria M. Velazquez

2010 - 2011

# Course Topics

## Fall Semester Topics:

- Matrix Operations
- System of Equations
- Function Properties & Operations
- Exponential Properties
- Math Modeling & Problem Solving

## Spring Semester Topics:

- Polynomial Properties & Operations
- Quadratic Properties & Operations
- Data Analysis
- Trig Functions & Graphing



# Course Goals

In this course we will be investigating the properties pertaining to Polynomials, Quadratics, Matrices and Trigonometric Functions. This course will allow students to strengthen Algebraic skills so that we can find the relationships between the subject and the real world. Further, students will deepen their understanding of Algebraic concepts previously learned.

# Daily Expectations

- Copy agenda
- Complete warm-up (when applicable)
- Participate in lectures
- Keep organized notes
- Complete assignments and projects in a timely manner.
- Participate in group projects and class activities.
- Be on time and prepared to learn.
- Be an active participant in your education.



# Classroom Rules

- Food is only allowed in designated areas outside the classroom.
- Water in a clear capped container is allowed except near computers.
- Gum is not allowed in the class and must be disposed of before entering.
- Cell phones are turned off and are out of sight during class at all times. They will be confiscated per RCCHS policy.
- Earphones and music players are not allowed at any time will the teacher is lecturing. BOTH earbuds must be out. If your phone is your mp3 player it is never allowed.

# Using The Pass

- All students need to ask before leaving the room and taking the pass.
- Each student must sign out on the clipboard by the door before leaving the room.
- Write clearly.
- Each student must take the classroom pass with them and return it to its place upon returning.
- Students can only leave the classroom once during the period and for no more than a few minutes.
- If a student consistently asks to leave the room on a daily basis they will be referred to the Deans.
- Students may not use the pass to go into another classroom or visit with other students.
- You may only go to the destination you signed out for if you need to go somewhere else you must return and sign out again.



# When entering the class...

- **Get your folder.**
- **Copy the agenda**
- **Copy the warm-up**
- **Prepare a CLEAN page in your notebook for notes.**
- **If you have missed any work it is your responsibility to find and get the work.**

# Seat Assignments

- For the 1<sup>st</sup> week students may select their own seat.
- Seats will be assigned as of the 2<sup>nd</sup> week.
- Students are to take their assigned seats after retrieving their folder and notebook from the filing cabinet.
- If there is a problem with a seating assignment speak with the instructor in private (preferably after school).



# Notebook Page Set up

Each page must be set up as follow:

- Warm-ups and agendas are on clean pages and are not to be placed on the same page as notes or work.
- Each page must have the date in the upper right hand corner and the titles of the assignment/activity at the top and at the center of the page.
- Each assignment and activity is to be done on a clean page.
- Write clearly and neatly please.
- Work that does not meet the above criteria will not be graded.

# Notebook Page Example

## Date

Upper right hand corner for every assignment and clean page.

## Assignment Title

In the center of the page for every assignment.

**PUT YOUR  
NAME AT THE  
TOP OF  
EVERY PAGE  
YOU TURN IN**

**PAPERS**

**TURNED IN  
WITHOUT  
THIS WILL  
NOT BE  
GRADED**

31 August 2009

Warm-Up1



# Folders & Notebooks

- Folders & Notebook covers are to be kept graffiti and tagging free
- Notebooks will be re-used/recycled if they have not been filled-up
- Work that has been doodled on or tagged on **will not be graded**
- Work that is not legible will not be graded
- You are responsible for keeping your work together in your folder
- You are responsible for keeping your work clean and organized
- You are responsible for keeping your work doodle & tag free
- You are responsible for titling and dating your notes correctly
- Work that is not labeled clearly will not be graded

# Homework Policy

- Generally there will be no work assigned that is to be taken home
- **HOWEVER:** If you do not finish your work in class during the time allotted you are required to take work home so that it will be finished by the time it is due.
- There will be little to no make-up days scheduled into class time during the semester
- It is each student's responsibility to make sure their work is completed in time to be graded.
- If you need more time or assistance to complete an assignment it is your responsibility to let me know
- Ample time will be planned for each assignment so that work may be completed in class with assistance from the teacher.



# Daily Points

- Agenda 10
- Daily Participation 10
- Warm-up 20
- Notes 30 to 50
- Projects 100 to 200
- Worksheets 30 to 100
- Define it Sheets 40 to 60
- Reading Intervention 20 per day (80 max per week)
- Quizzes 20 to 30
- Exams/tests 100 to 150
- Extra Credit 10 to 20

# Grading System

- RCCHS will no longer use No Marks (NM) when a student does not pass a course.
- 100% - 95% = A
- 94% - 90% = A-
- 89% - 85% = B
- 84% - 80% = B-
- 79% - 75% = C
- 74% - 70% = C-
- 69% - 65% = D (Previously NM)
- 64% - 60% = D- (Previously NM)
- 59% - Below = F (Previously NM)



# Class Web Page & Contact Info.

- <http://vikkiesclassroom.weebly.com/math-3-advanced-algebra.html>
- Email: [victoria@rainshadowcchs.org](mailto:victoria@rainshadowcchs.org)
- School Number: 775-322-5566

# Tentative Plan

<u>Week / Dates</u>	<u>Monday</u>	<u>Wednesday</u>
1) 8/30, 9/1	Course intro and class expectations.	Weebly Setup
2) 9/6, 9/8	Labor Day: No School	Intro to Matrices
3) 9/13, 9/15	Adding Matrices	Adding Matrices.
4) 9/20, 9/22	Subtracting Matrices	Subtracting Matrices
5) 9/27, 9/29	Multiplying Matrices	Multiplying Matrices
6) 10/4, 10/6	Combing Matrices	Combing Matrices
7) 10/11, 10/13	Matrices Completed	Matrices Completed
8) 10/18, 10/20	Intro to System of Equations	Intro to System of Equations
9) 10/25, 10/27	Prof. Development: No School	Weebly Posting
10) 11/1, 11/3	Substitution Method	Substitution Method
11) 11/8, 11/10	Elimination Method	Elimination Method
12) 11/15, 11/17	Systems of Equations Practice	Systems of Equations Practice
13) 11/22, 11/24	Systems of Equations Practice	Systems of Equations Practice
14) 11/29, 12/1	Intro to Functions	Intro to Functions
15) 12/6, 12/8	Function Operations	Function Operations
16) 12/13, 12/15	Quadratic Functions	Quadratic Functions
17) 1/3, 1/5	Trig Functions	Trig Functions
18) 1/10, 1/12	Functions Completed	Functions Completed
19) 1/17, 1/19	Functions Completed	Weebly Portfolio Essay