APPLIED MATH TOPICS
Mrs. Kaiser
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Materials:
The following materials are required for this class. **Bring the materials to class every day.**
- Text Book: Holt McDougal Algebra 2 Concepts and Skills (2010)
  Take care of them. You must have them covered within the first week of class. There is a replacement cost for lost books.
- Scientific Calculator. *I have no calculators for student use.*
- Notebook
- Pencil. *I have no pencils for student use.*

Student Objectives:
- Every student can learn mathematics.
- Every student will give their best effort to perform at their highest ability.
- Students and teacher learn from each other.

Classroom expectations:
- Be prepared.
- Take notes.
- Working during work time provided in class.
- Academic dishonesty (cheating) is not acceptable in any way. It will not matter if you are asking for the answer or giving the answer, the consequence will be the same. Academic dishonesty will result in no credit for the assignment, quiz, test, project or final. There could also be further disciplinary action.
- **ALWAYS** be respectful to **EVERYONE** and **EVERYTHING** in our class.

Attendance:
- Daily attendance in this class is very important. If you know in advance that you will be absent it is your responsibility to get your assignments ahead of time and have the work completed when you return. When you are absent, it is your responsibility to get class notes from a classmate and complete any work that you missed. I will not hunt you down to give you the information.
- Class begins at the time listed on your schedule. **Be on time** and **in your seat** when the bell rings. **The third and fourth tardy will result in detention.** Any subsequent tardy will be considered a major offense and handled by Mr. Rankin.

Make-up Work:
- Make-up work is due the next day if only one day is missed.
- **If you are gone on a review day, you still take the test as scheduled.**
- If you are here for the review and gone for the test, you will take the test upon return.
- If there are extenuating circumstances, you need to talk with me to make other arrangements.

Homework:
- You can expect to have homework every day.
- Full credit is given the day it is due; half credit the next day and **NO CREDIT** after that.
- **Work must be shown for any credit.**

Tests/Quizzes:
- You can expect at least one quiz and only one test per chapter.

Final Exam:
- At the end of each semester we will be taking a **comprehensive final exam.** The exam will cover the major topics of the semester.

Topics to be covered in Applied Math Topics:

Tools of Algebra
Linear Equations and Functions
Systems of Linear Equations
Inequalities and Absolute Value
Quadratic Functions and Factoring
Polynomials and Polynomial Functions
Powers, Roots, and Radicals

Exponential and Logarithmic Functions
Rational Equations and Functions
Data Analysis and Probability
Discrete Mathematics
Introduction to Trigonometry
Conic Sections

Grades:

Grading Categories
Homework	**30%**
Tests/Quizzes	**50%**
Final	**20%**

Grading Scale

		A	93-100%	**A-**	90-92%
B+	87%-89%	**B**	83-86%	**B-**	80-82%
C+	77%-79%	**C**	73-76%	**C-**	70-72%
D+	67%69%	**D**	63-66%	**D-**	60-62%
F	Below 60%				

Rules For Success:
- **Be involved in your learning.** Math is not a spectator's sport. Ask questions in class and/or come in for help. You are WELCOME to come here anytime before or after school to ask questions or get extra help.
- Expect to learn in this class.

*****This syllabus is subject to change at the teacher's discretion.*****