

Mrs. Collins

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Course Purpose:

To prepare students for future courses through the study of pre-algebra, foundational algebra and geometry while continuing to build a strong concrete mathematics foundation.

Student Expectations:

● ***RESPONSIBILITY***

- Be on time, be prepared, and be ready to learn.
- Be responsible for yourself, your materials, and your actions.
- Follow all classroom procedures and ask questions if you don't understand.

● ***RESPECT***

- Respect yourself, respect others, respect the school and school property.
- Listen to others and they will listen to you.
- Be kind with your words and your actions.

● ***HONESTY***

- Build relationships founded on trust, with your teachers and fellow classmates.
- Be honest with everyone especially yourself.

● ***CARING***

- Love everyone (enemies too!)
- Contribute to the learning environment by expressing a caring attitude to everyone.
- Work together to solve problems, because everyone has an important role to play.

Rewards:

- Students, who follow classroom expectations, and are referral free will, be invited to attend the socials.
- Students caught exhibiting "Golden Eagle" behavior will earn special recognition.
- Students working to their highest potential will learn the importance and value of education.

Consequences:

- Students will make-up misuse of time during recess periods or after school. This includes time wasted by talking or doing anything other than the assigned activity.
- Negative behavior will result in school detention. The teacher will determine if a parent signature is required on the detention slip.
- Repeated negative behavior or severe classroom disruption will result in an office referral.

Point Distribution:

In Class Assignments and Participation	15%
Homework	30%
Tests	25%
Quizzes	10%
Semester Exam	10%
Math Projects	10%

For both middle school and high school transcripts, grades are dependent on semesters, not quarters. 1st and 3rd quarter grades are essentially a midterm grade for the semester. VCS will continue to give quarter grades, but the semester grades will be based on the entire points for the semester instead of an average of the two quarter grades.

Teacher Assistance:

Assistance will be made available by appointment. Reviews will be offered prior to any chapter tests and before semester exams.

Mandatory Supplies:

1. Pencils- Students should have more than one pencil and it is strongly recommended that they sharpen their pencils before class begins to reduce class disruptions. Also, no homework will be accepted in pen. All assessments will be taken with pencils.
2. Notebook supplies per CORE.
3. Graphing Paper
4. Note/Index Cards
5. Scientific Calculator
6. Items from general supply list

Assessment Criteria for Each Semester Grading Period

Five general areas are considered when evaluating the student's progress.

- *Class Work and Class Participation*- this includes completeness and neatness of the CORE binder (math section only).
- *Homework*-Students are expected to complete homework on time. Work must be shown for credit. Late homework assignments will not be accepted for credit. Students with excused absences will be given two calendar days for each consecutive class missed. It is the student's responsibility to acquire all absent homework. Students with unexcused absences or absences due to field trips or other extra-curricular activities must turn in all assigned work before leaving and will be responsible for that day's assignments. Students are required to complete written and on-line homework.
- *Projects*- Various math projects will be assigned throughout the year. Rubrics and directions will be provided for each project.
- *Assessments*- will be given each chapter. Test corrections will be offered as needed. Peer study sessions will be available for students after school prior to each test. There will be no test corrections offered for quizzes or vocabulary assessments. Students will take notebook, warm-up, card, vocabulary and review quizzes. Quizzes will typically not be announced.
- *Semester Exams* -A comprehensive exam will be given at the end of each semester. There will be no test corrections for the Semester Exam. Extra review sessions will be made available to all students wanting additional review prior to the exam.

Grade Scale (4.0 Scale)

Percentage	Letter Grade	Scale Value
100-98	A+	4.0
97-94	A	4.0
93-90	A-	3.67
89-87	B+	3.33
86-84	B	3.0
83-80	B-	2.67
79-77	C+	2.33
76-74	C	2.0
73-70	C-	1.67
69-67	D+	1.33
67-60	D	1.0
59-0	F	0.0

Please note that semester exams are worth 10% of the student's final grade and can significantly impact his or her grade. Grades will be rounded to the nearest whole number.

Brief Year Overview

(as outlined in Common Core Standards)

Ratios and Proportional Relationships:

- Understand ratio concepts and use ratio reasoning to solve problems.

The Number System:

- Apply and extend previous understandings of multiplication and division to divide fractions by fractions.
- Compute fluently with multi-digit numbers and find common factors and multiples.
- Apply and extend previous understandings of numbers to the system of rational numbers.

Expressions & Equations:

- Apply and extend previous understandings of arithmetic to algebraic expressions.
- Reason about and solve one-variable equations and inequalities.
- Represent and analyze quantitative relationships between dependent and independent variables.

Geometry:

- Solve real-world and mathematical problems involving area, surface area, and volume.

Statistics and Probability:

- Develop understanding of statistical variability.
- Summarize and describe distributions.

MATH TUTORIAL:

Math Tutorial will be an extension of the math class, but will have its own assignments and will be graded separately.

In addition, students will be covering general math topics.