

# Pre-College Math

## Instructor Information:

Teacher	Room number	Email	Availability
Afuha'amango	E273	<a href="mailto:safuhaamango@washoeSchools.net">safuhaamango@washoeSchools.net</a>	By appointment during school hours
Clark	121	<a href="mailto:hannah.clark@washoeschools.net">hannah.clark@washoeschools.net</a>	By appointment during school hours
Ferrao	E271	<a href="mailto:karen.ferrao@washoeschools.net">karen.ferrao@washoeschools.net</a>	By appointment during school hours

## Course Description:

Welcome to Pre-College Math! This year we will study the foundational topics for college-level math, including computation, mathematical reasoning, patterns, and a review of Algebra 1 topics. It is my goal to help every student accomplish their best in math this year. I will work hard to help you succeed, and I expect you to work equally hard on your own behalf.

## Required texts, course materials:

Textbook: Lial Beginning Algebra

Online Homework: Mathxlforschool.com

Information/directions for accessing digital resources for our textbook can be found on our website.

**Website: [www.Washoeschools.net/DRHSmath](http://www.Washoeschools.net/DRHSmath)**

**\$3 Lab Fee paid to bookkeeper. After you pay, please show your receipt to your math teacher.**

## Class expectations/procedures/structures:

- Be on time, seated, and read to work when the bell rings to start class. If you are not in your seat when the bell rings you will have to SWIPE
- Bring all materials to class daily.
- Respect others and their property.
- Stay on task and participate fully.
- Students who complete all assignments for the semester will receive a 2% bonus for their semester grade after finals are taken and graded.
- All assignments should be completed in pencil; all corrections should be done in pen.
- Students are required to show work on all problems on their assessments, tests, quizzes, and all corrections must also have work shown.
- Students who complete all assignments for a unit and attempt every problem on the test are eligible to take one test redo per unit, as needed. Corrections of errors on the original test must be turned in before the retake and all guidelines must be followed for test retake eligibility.
- Late assignments will be worth 50% of the earned score and must be turned in before the test in order to be graded.
- Phones are not to be out or used during class time unless the teacher has given specific permission.
- Absent students should visit the class website ([www.washoeschools.net/DRHSmath](http://www.washoeschools.net/DRHSmath)) to write down the class notes before returning to class.
- Students who lose a worksheet/handout/notes packet should visit the class website to print off a new copy.
- Microsoft teams will be used to communicate with students.

## Unique class procedures /structures:

**Test Retakes:** Students may retake one test per chapter for a replacement grade to improve their grade and show they have mastered the material.

**Requirements for test retakes:**

- The practice test must be completely done with work shown.
- All homework for the unit must be turned in.
- Every problem must be attempted on the original test.
- Test corrections must be completed and turned in.
- Test retake days and deadlines will be set by teacher.
- You must study and get help to learn the material. If your new score is lower, that score will be entered in the gradebook.

**Replacement Exam:** The grade you earn on the final can potentially replace your lowest test score from that semester, if the grade is lower than your test scores there will be no replacement.

**Student Learning Outcomes:***Standards to be learned:*

Fractions, Order of operations, variables and expressions, equations  
 Real numbers and the number line adding and subtracting real numbers, multiplying and dividing  
 Properties of real numbers, simplifying expressions  
 Properties of addition, multiplications  
 Solving linear equations and Inequalities  
 Solving Systems of equations and Inequalities  
 Factoring and solving equations by factoring  
 Create equations that describe numbers or relationships.  
 Understand solving equations as a process of reasoning and explain the reasoning.  
 Interpret linear, quadratic, rational, and exponential models.  
 Understand the concept of a function and use function notation.  
 Build new functions form existing functions.  
 Solve systems of equations using matrices as well as other methods.  
 Represent and solve equations and inequalities graphically.  
 Write expression in equivalent forms to solve problems.  
 Properties of Rational expressions as well as solving  
 Properties of Radical functions  
 Solving quadratic equations by multiple methods

**Course Grading Breakdown:**

Type	%	Policy
Assignments	20%	Homework assignments will be graded on accuracy. Each problem is worth one point if done correctly. Students who miss questions can earn back half credit on those problems by doing corrections. Late Homework will be accepted for half of the earned value (yes, it will be graded by accuracy!) and <u>must be turned in</u> by the day of the test for that unit.  Various other assignments will be done in class throughout the year.
Quizzes	15%	Quizzes will be given periodically.
Tests	45%	Tests will always be announced in advance and will be worth approximately 100 points each. There will be approximately 3-4 tests per semester, along with a final exam.

Participation	5%	Participation will be graded based on the classroom expectations. Students are expected to be taking notes on the material, interacting with their group, and contributing to the class discussions.
Final Exam	15%	A final exam will be given at the end of the semester. Students will receive a course blueprint prior to the exam. The final exam can be used to replace your lowest test score if your final exam score is higher than your lowest test score. *This does not include any missing tests, or any test given a grade of zero.

**Grading Criteria, Scale, and Standards:**

DRHS/WCSD grading scale:

- A: 90% - 100%
- B: 80% - 89.9%
- C: 70% - 79.9%
- D: 60% - 69.9%
- F: <59.9%

Make-Up Work

- Make-up work is defined as scheduled tests, scheduled quizzes, homework assigned on the day the student was absent, and/or a description of the topic(s) covered in class while the student was absent and possible resources where the student can obtain information on the topic(s).
- It is the **responsibility of the student** to request make-up work after returning from an absence and return the completed work within the designated deadline.
- Students are provided the length of the absence plus one day to complete any make-up work assigned. **Students will be required to test the next class period that they are present if the student is absent on the day of the test.**
- Students who do not request or return completed make-up not earn credit on missed assignments.
- Make-up work need not be identical or equivalent to that missed due to the absence but will ensure that the student has the opportunity to meet the academic standards.
- Previously assigned work that was due on the day the student was absent is NOT considered makeup work and is due the day the student returns to school.
- The teacher must provide make-up work to the student within 2 days of the student's request.

Late Work

- Late work will be accepted up until the day of the chapter test for up to 50% of the potential points.

**Course Calendar or Topics Outline:**

**Semester 1**

- 8/17 – 9/12 Fractions, Real numbers
- 9/13 – 9/20 Solving Equations
- 9/21 – 10/17 Writing and graphing lines
- 10/18 – 11/15 Budgets and Excel
- 11/16 – 12/12 Finance
- 12/5 – 12/19 Semester Review and Final Exam

**Semester 2**

- 1/9 – 1/31 Systems
- 2/1 – 2/27 Exponents
- 2/28 – 3/17 Pascals Triangle and Binomial Expansion
- 4/3 – 4/26 Factoring
- 4/27 – 5/22 Fractals, Golden Ratio, Fibonacci
- 5/23 – 6/6 Semester Review and Final Exam

\*\*The dates and topics above are subject to change

## Damonte Ranch High School/WCSD Policies

### Academic Integrity:

Cheating means gaining unfair advantage by using unauthorized information.

Cheating is further defined by but not limited to:

- **COPYING** someone else's homework, classwork, or test answers
- **ALLOWING** someone else to copy your work or test answers
- **USING** any kind of unauthorized device, study aid, or cheat sheet
- **POSSESSING** or **VIEWING** a copy of an exam beforehand
- **SHARING** test information with students who have not yet taken the test or course
  - o This includes taking answers/questions from a test out of the classroom without the permission of the teacher.
- **CHANGING** your answers or someone else's when correcting in class
- **MISREPRESENTING** work done by others as your own work.

Plagiarism is presenting the words or ideas of another person as one's own without citing sources.

- **YOU ARE PLAGIARIZING** when you copy a phrase, a paragraph, a page or an entire paper.
- **YOU ARE PLAGIARIZING** when you copy from a published source, i.e. Internet or print.
- **YOU ARE PLAGIARIZING** when you copy from someone else's work.

Minimum consequences for cheating are as follows:

- **REFERRAL** to Student Services
- **PARENT CONTACT** by the teacher
- **LUNCH DETENTION** with Student Services
- **NOTATION** made in school discipline record

Additional consequences may include, but are not limited to, the following:

- Student will receive a **ZERO** on the test or homework assignment
- Student will receive an **"F"** in citizenship for the quarter and depending on the severity of the infraction may receive an **"F"** in citizenship for the semester
- Alternative assignment will not be given and the grade will remain as a zero.

Be Responsible. Make Wise Choices. If you are unsure, ask your teacher for guidance.

\*\*If a student is caught cheating on an assignment or assessment, they will not be able to retake or turn in that said assessment/assignment and the zero will stand. They will also not be able to replace the zero with the grade they get on the final.

"I have read the Damonte Ranch High School Academic Integrity Policy."

(Cut along the line and return the lower portion to your teacher next class.)

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"I have read the Damonte Ranch High School Academic Integrity Policy."

"I have read the Course Syllabus for PCM."

Student Name (printed): \_\_\_\_\_

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

\_\_\_\_\_  
Date