

Palo Verde
COURSE EXPECTATIONS
For
Algebra I Repeat
From Mr. Ferriter

A. Course Description:

1. Course Scope:

This one-year course designed for students provides the necessary knowledge and skills to successfully complete algebra coursework. It is intended to increase mathematical fluency in problem solving, reasoning, modeling, and effective communication in the study of number, algebra, functions, geometry, and statistics. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The use of technology, including calculators and computer software, is an integral part of this course. While this course fulfills one of the mathematics credits required for high school graduation, it does not meet the core requirements for the National Collegiate Athletic Association (NCAA) or the Nevada System of Higher Education (NSHE) core requirements for university admission.

2. Course Goals:

- To develop the Standards for Mathematical Practice. [CCSS]
- To know that there are numbers that are not rational and approximate them by rational numbers. [CCSS: 8.NS]
- To work with radicals and integer exponents. [CCSS: 8.EE]
- To understand the connections between proportional relationships, lines, and linear equations. [CCSS: 8.EE]
- To analyze and solve linear equations and pairs of simultaneous linear equations. [CCSS: 8.EE]
- To define, evaluate, and compare functions. [CCSS: 8.F]
- To use functions to model relationships between quantities. [CCSS: 8.F]
- To understand congruence and similarity using physical models, transparencies, or geometry software. [CCSS: 8.G]
- To understand and apply the Pythagorean Theorem. [CCSS: 8.G]
- To solve real-world and mathematical problems involving volume of cylinders, cones, and spheres. [CCSS: 8.G]
- To investigate patterns of association in bivariate data. [CCSS: 8.SP].

B. Textbook and/or Alternative Curriculum Materials:

1. A textbook may be given during the first quarter. The current replacement price will be assessed for any lost, stolen, or damaged books. Additional course material will be provided. Students will receive one copy of each handout and are required to keep them in an well-organized notebook.
2. Required Supplies:

Loose-leaf notebook paper
No. 2 pencil
Scientific Calculator (**suggested**)

C. Course Overview:

1. Time Line:

Quarter 1:

Review pre-algebra topics
Solve linear equations
Properties of exponents
Rational numbers
Scientific Notation

Quarter 2:

Functions
Linear relationships
Proportional relationships

Quarter 3:

Systems of equations
Data
Rational numbers
Square and cube roots

Quarter 4:

Pythagorean theorem
Area and Volume
Transformations

Additional Topics to be Taught Every Quarter:

Test Taking Skills
Technology
Note-taking Skills

Problem Solving
Functions
Career/Occupational Connections

2. Class routines:

a. Quizzes:

A quiz will be given approximately every day. After the first quiz, every quiz is cumulative. Please see make-up policy for absences.

b. Tests:

Three test per quarter will be given. The exams will test your knowledge of the concepts you have learned. Please see make-up policy for absences.

c. Assignments:

Assignments should be neatly done in pencil and will be due the following day, unless otherwise specified. **Homework not in pencil will be handed back to the student to be redone.** Full credit will usually be given for a reasonable attempt (to be determined by the teacher) to solve every problem. **Assignments with just answers will receive little or no credit.** Please see make-up policy for absences.

d. Binder:

Each student is required to have an organized one inch binder. The organization and grading rubric will be given and discussed during the first week of class.

e. Notes:

Students are required to take notes in class. Copies of the notes are available in class for copying or check-out.

D. Student Assistance:

1. I will be available for extra help before school and after school (from 2:30 – 3:00). Additional after school appointments require at least one day's notice.
2. If there is a required teacher activity before or after school I will post a sign on my outside door.
3. Parents are welcome to schedule a conference through the counseling office. The office will arrange for me to meet with you and discuss your child's progress in my math class. Please call the school at 799-1450 to schedule a conference or email me at mferriter@interact.ccsd.net. Please regularly check your child's grades.

E. Grading Policy:

1. Nine-Week Grading Criteria:

The following table gives the grading criteria, as percents, for each 9-week grading period.

Assignments	40%
Assessments	60%

A	89.5-100
B	79.5-89.4
C	69.5-79.4
D	59.5-69.4
F	Below 59.5

2. Semester Grades:

Each nine-week grade will count 40% of the semester grade. The final 20% of the semester grade will be the semester exam.

3. Citizenship grade:

Every student starts with a perfect citizenship grade. For each **three** minor violations of the behavior expectations, excessive absences, or for each major violation of the behavior expectations the citizenship grade will be reduced by one level. (I.e. from an O to an S)

4. Extra Credit:

I do not give extra credit. However, bonus points may be occasionally earned for outstanding and exceptional work on specific assignments.

5. Attendance Policy:

The Board of School Trustees requires that students enrolled in schools of the Clark County School District attend school regularly in accordance with the Nevada Revised Statutes. It is the position of the board that if a student is absent, no learning can take place. The educational experiences lost during an absence are irretrievable as the interaction in the classroom setting can seldom be duplicated through makeup work. Being absent from school will have a negative impact on your learning and may affect your grade.

6. Make-up Policy:

Students must contact Mr. Ferriter for make-up work within three days after returning from an absence. If you miss an assignment, because of an **excused** absence, it must be made up within 3 class days of the time of your return unless you have missed 4 or more

classes. It is the student's responsibility to record what he/she has missed on the appropriate days. Material will not be reviewed during class time. It is the student's responsibility to make arrangements with Mr. Ferriter before or after school for explanations on all missed assignments. Missed tests and quizzes must be made up before or after school.

F. Classroom Behavior Expectations:

1. A student should do nothing that interferes with the learning atmosphere in the classroom. Students are expected to exhibit mutual respect for classmates, teachers, and property.
2. **Class will begin immediately after the bell rings. Each student should be in his/her seat and QUIETLY doing the warm-up.**
3. The Palo Verde Tardy Policy will be strictly enforced. You are considered tardy if you are not in your assigned seat when class begins. For the first three tardies you will be assigned a teacher detention. For each tardy after 3 you will be subject to the Palo Verde tardy procedures.
4. Each student is expected to remain in his or her seat and remain on task for the entire class period. If you wish to leave your seat, ask permission.
5. The use of profanity in class is strictly forbidden.
7. Corridor passes are needed to leave the classroom
8. Food and drinks (except bottles of water) are not permitted in class.
9. Plagiarism and/or cheating will result in no credit being given for that assignment or test.
10. If you know you are going to miss class because of a school activity, your work must be turned in before you leave for the activity.
11. Each student will be held responsible for any school property that is in his or her temporary care.
12. The teacher reserves the right to change the seat of any student at any time, **without explanation**. Each student should expect to have his or her seat changed at least 4 times during a semester.
13. Each student is expected to work on math the full class period. If you are not going to work on math, you may work on whatever it is at the dean's office.
14. If you have concerns about the class, I will be glad to discuss them, **outside of class**.

Progressive Decipline:

1. Verbal warnings
2. Teacher assigned detentions
3. Conferences with the student
4. Phone calls home
5. Conference with parents and counselor

6. Referral to the dean. {Note: For extreme violations 1 – 5 may be skipped}

Name _____

Date _____

(Hm)Phone _____

I have read and understand the course expectations that I must follow.

Student Signature

I have read and understand the classroom expectations that my child must follow.

Parent or Guardian Signature

Parent or Guardian Day Time Phone Number

If parents have any questions, please call me at 799-1450. I am always available for a conference on a student's progress.