

Algebra I

Class Info.

Class Location:
Periods:

Room 402
Red 1, Red 2, Silver 1, Silver 2, Silver 3

Instructor Contact Info.

Instructor:
School Phone:
E-Mail:
Webpage:

Brian Taylor
(480) 882-3540 x1770
btaylor@jocombs.k12.az.us
www.combscoyotes.org/teacherpages/btaylor44

Materials

Text Book:

Glencoe Algebra I

All students will have access to an individual copy of the text book. Students are required to bring their book on days that class meets. Students with internet access at home will be able to download homework assignments through the class webpage.

Extra Supplies:

I often provide the students with many extra resources in the classroom such as markers, colored pencils, compasses, protractors, etc.

However, the consumable materials are often used up quickly. Items listed below are things that would be greatly appreciated.

Wish list items for the classroom:

- Tissue
- Dry erase markers
- Extra classroom supplies (for students who cannot afford to purchase school supplies)
- Copy paper
- Cardstock

Required Daily Materials

Supplies required each day:

- Textbook
- Scientific Calculator
- two sharpened pencils
- extra erasers
- Lead (if using mechanical pencil)
- Spiral bound notebook
- highlighter
- 1-inch binder w/5 tab dividers

Attendance Policy

Attendance is extremely important in this course. The lessons are sequential and build upon the understanding of previous lessons. Students are responsible for obtaining materials missed due to excused absences.

Classroom Rules	<ol style="list-style-type: none">1. Your behavior should not interfere with your own learning, someone else's learning, or Mr. Taylor's teaching.2. Follow directions the <u>first</u> time.3. Raise your hand to be called on or to leave your seat.4. Respect people and property.
Consequences	<ol style="list-style-type: none">1. <u>Warning</u> Mr. Taylor will give a student a verbal warning or cue to remind the student of the appropriate behavior or the rule that was not followed.2. <u>Action plan</u> The student will fill out an Action Plan to reflect on their actions. Mr. Taylor and the student will have a conference to discuss a way for the student to make positive choices. A copy of the Action Plan will be sent home to the student's parent(s).3. <u>Phone Call Home</u> The student or Mr. Taylor will contact the student's parent(s). <p><u>Severe Disruption - Discipline Referral</u> The student will be sent to the Assistant Principal's office with a referral. The A.P. will decide on the appropriate consequence(s).</p> <p><u>Repeat offenses</u> Students who repeatedly fail to adhere to the classroom rules will be immediately referred to the Assistant Principal's office. A Parent/ Student/Teacher conference may be required prior to the students re entry into class.</p>
Rewards	<ol style="list-style-type: none">1. <u>Verbal Praises</u>2. <u>Note of the Day</u> Students are recognized by teachers around campus for showing good traits of character and academics.3. <u>Ticket Drawing</u> Students who earn "Note of the Day" cards will be entered into a quarterly or semester drawing for small rewards.

**Assessment of
Course
Competencies**

Grades are calculated using a weighted system. Points will be earned for the following: bellwork, classwork/homework assignments, quizzes, tests, projects and the final exam. A student's grade will be a reflection of their academic performance and not an evaluation of behavior or effort. Good behavior is EXPECTED, not rewarded and effort can be assessed through quality of work not a letter grade.

Grading Scale:

A	90-100% of
B	80-89%
C	70-79%
D	60-69%
F	59% or below

Weighting Scale:

Assessment	80%
Quizzes	10%
Homework:	5%
Responsibility	10%

**How can
Parents &
Students view
grades?**

Students grades can be accessed at any time via Mr. Taylor's webpage. Grades are updated weekly and progress reports will be emailed home on Fridays and/or following a quiz/test/exam.

Quarter grades and progress reports are also sent home through the mail every 4 1/2 — 5 weeks.

Tests

Tests will be cumulative assessment of a chapters concepts. Students should keep all notes to study for each test.

**Midterm/
Final Exam**

A comprehensive assessment will be given at the end of each semester.

Cheating

Cheating will not be tolerated. A first offence will result in the student not being assigned a benchmark score on a test, quiz, assignment or project if they are found cheating. A second offense will result in an immediate referral to the Assistant Principal's office and no benchmark score will be assigned.

Need Help?

If your student requires additional assistance, make sure they come speak to me about any needs or concerns they may have or please feel free to e-mail me. I can be available for tutoring after school if a student takes the initiative to make arrangements with me.

Links to homework help and on-line tutoring can be found on Mr. Taylor's webpage.

**Electronic
Devices**

Remember: No electronic devices are allowed on campus. If a student is seen with one in their possession it will be confiscated. A first offense will result in an after school conference and the device will be returned. Any further offense will result in the device being delivered to the Assistant Principal along with a discipline referral. A parent or guardian will be required to pick up the device.

What is a typical day like? What is expected of the students?

Beginning of Class Routine

1. Enter the classroom quietly.
2. Sit down at your desk before the bell rings.
You are tardy if you are not in your seat when the bell rings.
3. Take out your completed homework assignment. Put it on the top right hand corner of your desk.

A random selection of questions will be checked to gauge Students comprehension.
4. Write the daily objective and homework in your agenda.
5. Begin your bellwork assignment.
6. Get out your daily materials:
 - at least two sharpened pencils
 - extra erasers
 - notes
 - highlighter
Policy for absent students
Absent students are responsible for copying down the objective and homework they missed in their agenda.

Quiz Routine

- Students may be given a quiz instead of their bellwork assignment. It will assess their knowledge from a previous lesson(s).
1. Quietly complete your quiz independently
 2. If you finish early, read a book or work on an assignment from another class quietly
 3. Participate in going over the quiz as a class.

Checking & Correcting Homework Routine

1. Quietly check and correct your homework by looking at the answer sheets.
 - Leave correct answers free of marks.
 - Correct incorrect problems with blue or black pen.
2. Look over incorrect problems to see if you can catch your error or understand how to do the problem correctly.

Lesson Routine

Since students learn through various learning styles, concepts will be presented in various ways to reach all learners. I want them to feel successful and understand how math skills relate to real world experiences. I strongly believe that math is not a spectator sport. Students need to be active learners to fully benefit from instruction and learn to their fullest potential. Math will be taught in a positive and structured environment.

- 1. Fully participate in the daily lesson or activity.**
 - You will work independently, with a partner, with a small group, with a large group, or with the entire class.
 - You will be taking notes, participating in a direct Instruction lesson, listening to a lecture, working on a hands-on activity, completing a project, or working on a cooperative assignment.
- 2. Participate in the closure activity to assess your complete understanding of a concept or lecture.**

Bathroom Policy

All students will be issued an emergency bathroom pass that will allow them to use the bathroom four times per quarter.

Policy for Absent Students

Absent students are responsible for collecting any notes or handouts they missed.

Vocabulary Routine

Students will introduced to new vocabulary, shapes and properties on a daily basis. Students will be responsible for adding vocabulary into their student built glossary.

Homework Routine

- 1. Head your paper with the correct heading.**
 - First and Last Name
 - Date
 - Class Period
 - Assignment Title
- 2. Begin working on your homework assignment.**
 - Show all your work on each problem.
 - Complete your assignment in pencil.
 - Your assignment will be graded on completeness.
 - This will later help you determine which skills you have mastered and which skills you need additional help with. Your assignment will be due the following day at the beginning of class.

Homework Expectations

Turn in completed assignments on time. Homework will be collected and checked for completion at the beginning of the class in which it is due.

Policy for Absent Students

Absent students have one day to make up assignments for each day of excused absence.

Consequences For Not Completing Homework Assignments On Time

Late work will not be accepted for full credit. Students can earn up to HALF CREDIT for assignments that are turned in one day late. Students will earn no credit for assignments that are more than one day late.

21st Century Learning Academic Standards

Strand 1: Number Systems

ALG1.1.1: Applies the properties of real numbers.

ALG1.1.2: Classifies a number in the real number system.

Strand 2: Expressions

ALG1.2.1: Uses the order of operations to simplify and/or evaluate an expression (required: absolute value).

ALG1.2.2: Translates between verbal and algebraic expressions.

ALG1.2.3: Evaluates application problems (required: average speed, and simple interest).

Strand 3: Solving Linear Equations

ALG1.3.1: Translates between verbal and algebraic equations.

ALG1.3.2: Solves linear equations (required: proportions and solving for y).

ALG1.3.3: Analyzes, explains, and corrects an error when solving a Linear equation.

Strand 4: Graphing Linear Equations

ALG1.4.1: Graphs in two variables.

ALG1.4.2: Graphs the equation of a line in slope-intercept, point-slope, and standard form without creating a table of values.

ALG1.4.3: Finds the slope given a linear graph and critical information.

ALG1.4.4: Determines if a set of data represents a constant rate of change.

Strand 5: Writing Equations of Lines

ALG1.5.1: Writes the equation of a line in point-slope, slope-intercept (required: from a graph and given critical information).

ALG1.5.2: Writes the equation of parallel and perpendicular lines.

ALG1.5.3: Rewrites the equation of a line into slope-intercept, point-slope, and standard form.

ALG1.5.4: Defines variables, sets up an equation, solves, and analyzes linear application problems (required: rate of change).

**21st Century
Learning
Academic
Standards**

Strand 6: Absolute Value

ALG1.6.1: Solves absolute value equations in one variable.

Strand 7: Systems of Linear Equations

ALG1.7.1: Defines variables and sets up a system of linear equations.

ALG1.7.2: Solves and analyzes a system of equations.

ALG1.7.3: Determines the solution of a system given a graph.

Strand 8: Matrices

ALG1.8.1 Simplifies matrices (required: adding, subtracting, and multiplying by a scalar).

Strand 9: Linear Inequalities

ALG1.9.1: Solves linear inequalities.

ALG1.9.2: Uses interval notation and inequality notation to represent a solution set.

ALG1.9.3: Graphs in one variable (required: compound inequalities).

ALG1.9.4: Graphs in two variables (required: linear inequalities and systems of inequalities).

Strand 10: Exponents

ALG1.10.1: Uses the properties of exponents (required: scientific notation).

Strand 11: Quadratic Functions

ALG1.11.1: Simplifies radical expressions to equivalent forms.

ALG1.11.2: Solves quadratic equations (required: by extracting the square root and the quadratic formula).

ALG1.11.3: Graphs a quadratic function using the vertex and symmetry.

ALG1.11.4: Represents a solution in exact form and approximate form (required: radicals).

Strand 12: Polynomials

ALG1.12.1: Factors a polynomial by greatest common factors.

ALG1.12.2: Performs operations on polynomial expressions (required: adding, subtracting, and multiplying).

Strand 13: Functions

ALG1.13.1: Determines if a relation is a function numerically and graphically.

ALG1.13.2: Determines domain and range of a function given an output table or graph.

ALG1.13.3: Evaluates a function using function notation for a given integer.

**Student
Name**

**Guardian's
Contact
Information**

Parent/Guardian

Parent/Guardian

Name

Work #

Cell Phone #

Home Phone #

Check if
same

E-Mail Address

Address

_____, AZ _____

Check if
same

_____, AZ _____

**I prefer to be
contacted by:**

- Work number
- Cell phone
- Home phone
- E-mail
- Home mail
- doesn't matter

- Work number
- Cell phone
- Home phone
- E-mail
- Home mail
- doesn't matter

Discipline

Which guardian should be contacted regarding discipline?

Doesn't matter

Please sign below to verify that you have seen your child's packet of rules, consequences, rewards, policies, routines and grading information.

Student Signature

Parent/Guardian Signature(s)

Is there anything about your child that you feel that it is important I know?

Allergies or Medications?

Family History (divorce, current or chronic illness, recent family crisis, etc.)

Special Education Programs (accelerated, speech, resource, IEP, etc.)

Socially/Emotionally (such as hyperactivity, nail biting, low self-esteem, math anxiety, etc.)

Anything else? Any Concerns?

