

Course Description

Algebra I

Algebra I (2021-2022 school year)

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Textbook: Algebra I

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Algebra I is a subject where we learn the properties and language of algebra. We will study equations, inequalities, polynomial, functions, factoring, graphing, quadratics, and an introduction to statistics to name but a few of the topics.

Course Goals

The goal of this course is for the student to:

grow in their knowledge of math skills and Algebra in particular

develop skills in problem solving

enjoy math as a thinking tool!

appreciate the knowledge gained because it is relevant to life

Algebraic Class Content (Specific Goals!)

For Algebra I, we want to end the year having covered . . .

The Language of Algebra; Real Numbers; Solving Linear Equations; Graphing Relations and Functions; Analyzing Linear Equations; Solving Linear Inequalities; Solving Systems of Linear Equations and Inequalities; Polynomials; Factoring; Quadratic and Exponential Functions; Radical Expressions and Triangles; Radical Expressions and Equations; Statistics; Probability

Integration with School wide Learning Expectations

Throughout the course of the year we will participate in various class projects, presentations, and collaborative research. On a daily basis there is the expectation of consistent attendance and attentive class participation. Frequent homework and in-class work time will make up the majority of our in class time. We will practice civil discussion involving problem solving tasks.

All of these Educational behaviors introduce, strengthen, and reinforce the following ESLRS:

I.c.ii ; II. b.ii ; II.d.i ; II.d.ii ; II.d.iii ; III.b.i ; IV.b.ii ; IV.b.iii ; IV.b.iv ; IV.b.v ; IV.c.i ; IV.c.ii ; IV.c.v)

Course Evaluation

students will be evaluated using the following guidelines.

Coursework Breakdown		Semester Grade Components	
20%	HOMEWORK	45%	First Quarter results
20%	QUIZ	45%	Second Quarter results
15%	JOURNAL	10%	Semester Exam
15%	PORTFOLIO, PRESENTATION, PARTICIPATION		
30%	TESTS		

The lowest homework assignment for the quarter is dropped. The teacher reserves the right to make adjustments to the way evaluation is done, or the way calculations are made if deemed necessary

Grading Scale:

A+	97%	B+	87%	C+	77%	D+	62%
A	93%	B	83%	C	68%	D	53%
A-	90%	B-	80%	C-	65%	D-	50%

Cheating Policy

Cheating not only cheats you now, but lessens success for your future as well—and for any who may come to depend on you! That means that your classmates and family could feel the repercussions as well. If you are experiencing enough pressure that you feel you need to cheat, please come and see me so that we can work out a better strategy for getting the results you want.

Should you be found cheating, as described in the school handbook, you will at least receive a zero for the coursework cheated on. Cheating can take many forms—from changing a homework answer, to selling copies of a test. Please don't compromise your learning and sell yourself short by cheating. For more information, see the student handbook, pg. 10.

Getting Organized

The student is required to have the **textbook, pencil, notebook paper, scientific calculator, journal, graph paper, straightedge, and compass**, if applicable, at class each day.

The student is given an assignment sheet at the beginning of each quarter, **so the assignments are known even if the student is absent**. Each student must sign up each quarter for an application problem to present on PowerPoint or Notebook on the assigned day. The presentation needs to be ready to present at the beginning of class, this means that you need to have it on a CD, thumb drive, or other removable media and turn it in the **day before it is due**.

Anytime a student is in class, the **homework** due is expected to be turned in at the beginning of class. Most times a reader grades the homework papers. Each paper will receive up to 20% if it is finished, then 20% for each of 4 problems that the teacher picks for the reader to grade very carefully. The homework papers are returned daily to the student, which are very important to keep in an organized way. Many of the **portfolio** items come out of the saved homework papers. On the paper you have chosen as your portfolio, you must write in sentence form the reason you have chosen it and why something on the paper shows that reason or answers the chapter portfolio question.

The teacher grades the journals, presentations, and tests.

The **quiz** must be taken if you are attending class, even if you were absent the day before. If you are absent on the day a quiz is given and you skipped class, then you will earn a zero grade. If you are gone a school excused trip, then you will either be asked to take the quiz or it will be averaged in.

Journal entries should be written daily. You should indicate the **section** and **date** so that when you read it, you can readily see what you are currently learning. These are your notes. The **required journal** entries must stand out easily in order to view them.

Participate when you are working together with a friend for a presentation or a cooperative learning activity. **Positively participate** each day in class for points. If you are a disruption, come dressed inappropriately, arrive late to class (get a tardy), miss class (are absent) or have to return to your locker for necessary class items you will lose some of your participation points for that day.

Electronic Devices Policy

If MBA has issued or provides a device (iPad/laptop) for school use, then you MAY NOT use a phone in class. If you have a personal laptop you may use it in class—IF YOU HAVE CLEARED IT WITH ME AND THE IT DEPARTMENT first. If however, you are not provided a school issued device, then the use of your phone in class is up to my discretion in class only for the use of notes, or class approved activities.

Absence Policy

First and foremost, **THERE IS NO, ABSOLUTELY NONE, NADA, NEIN, ZERO, ZIP, ZILCH, LATE WORK ACCEPTED** unless for a reason cleared with the Office. “i forgot” or “i’m not done yet” or “my pet goldfish ate it” are not valid reasons for late work. Ample opportunity for Extra Credit work is available.

Quid Pro Quo (conditions delineated):

If the student is **sick** or there is a **death** in the family, the **quiz is excused**. *Homework, test, portfolio, journal viewing or presentation must be done to receive any credit.*

If the student is absent because of a **school sponsored tour**, i. e. Oceanaires, Westwinds, Varsity, Junior Varsity, Mission Trip, Week of Prayer Team Trip, etc., the **quiz will be excused**. *Homework, test, portfolio, journal viewing or presentation must be done before the trip to receive credit, unless a variance has been given.*

A student that is absent because of a **Pre-Arranged Absence** will **not have homework or quizzes excused**. **Positive participation points will be lost**. If the student wishes to receive credit for the homework, it must be turned in before or on the date due. *A test may be made up when pre-approved and accompanied with a \$10 fee (school policy). Quizzes will receive a zero. Portfolio assignments, journal viewing or presentations must be done to receive any credit.*

In the case of a **suspension**, homework and special journal entries will be accepted and **should be turned in the first day the student is back in class**. You will receive zero points for positive participation while you have been absent from class. *A test, portfolio, journal viewing or presentation must be done to receive any credit.* Quizzes will receive a zero unless a variance has been given for some other arrangement.

A student that is **unexcused** will get **no credit** for anything.

Common Classroom Courtesy

All students are to be seated when the bell rings for the beginning of class. Your homework paper is to be turned in the box when you walk into the classroom. There will be times when we take a minute or two at the beginning of class to answer a question from the homework the night before. If this happens, the homework is then due right after we finish.

Study, think, and participate in math class. Studying for a test in another subject, your head on the desk, distracting anyone else in the room, sleeping in class, being dressed inappropriately, not bringing your necessary class items with you or a late PowerPoint presentation will be cause for loss of positive participation points.

Behavior needs to be acceptable and not distracting to the teacher at all times. If you misbehave, you may be asked to go outside with me or you may be asked to leave and go meet with an administrator. You will lose positive participation points for the day. Here are some samples of misbehavior and not limited to: throwing anything, constant talking, disrupting anyone. **Leaving the classroom is by permission only.**

Please **do not** bring food and drink into the classroom to partake of for breakfast, lunch or snacks. **Water in a water bottle is permissible.** I will collect others.

Please **do not write directly on the desks**. They have had to last a long time and no doubt longer. When using computers, please **do not change the screen setups**. If found in violation, positive participation points will be lost for the day. The computers in this classroom are for classroom use only. This lab is not the general school lab and should only be used for math and science projects. For other uses, please use one of the general school computer labs.

Refer to the Student Handbook for the dress code for the classroom. In a nutshell it is: **Take your cap off before entering the room. Do not wear jewelry**, especially rings, necklaces, earrings, bracelets. You will be asked to remove the jewelry and give it over to me. **Wear school clothes**, not pajamas, slippers, or bare midriffs. **Shorts** must not be gym shorts or board shorts. You will be asked to go change to proper attire if out of compliance. You will lose positive participation points for the day. You may receive a conduct slip.