

ALGEBRA 2 ~ 2010-11

Algebra 2 is a continuation of Algebra 1. We will study equations, graphs, polynomials, exponents, functions, logs, probability, and an introduction to trig. Algebra 2 covers the basics that you need to know to continue on to other high school and college level math classes. We will use constant review to help you prepare for the end of year test and future math classes.

MATERIALS:

Supplies that you will need to bring everyday to really succeed:

1. A binder with loose-leaf paper, or a notebook. We will do some graphing this year, so you may want to have graph paper as well.
2. A pencil (or two). Make sure it has a good eraser, since everybody makes mistakes. **NO PENS** for homework or exams! You will also need a red pen or pencil to grade homework.
3. Your text book. Nearly every assignment is out of the book, so it is *very* important you have it every day.
4. A graphing calculator is needed – preferable a **TI-83 or TI-84**. Any other calculator must be approved by the teacher. Non graphing calculators are not allowed. If you do not have a graphing calculator you will need to plan on coming in at SEAT time, before or after school to complete calculator problems with a school calculator.
5. Your brain! Don't leave it behind!

CLASS PROCEDURE AND GRADING:

We will have assignments, quizzes, tests, and extra credit. Grades will be weighted 70% on tests, 15% on quizzes and 15% on assignments. **Correct work must always be shown for credit. You will receive an assignment sheet each term telling you exactly what is due each day, what we will do in class and what you must complete for homework.**

- ✓ **Assignments ~ 15%:** The first type of assignments are called **journals**. Journals consist of odd problems, or problems that you will have answers for. Your task is to complete every journal problem correctly. I will be glad to help you on any or all problems. This is your chance to learn the new material. Journals are due at the beginning of the following class, they are not accepted late. Journals will be graded for completeness (you will have checked the answers) and they are worth 10 points.

Next, are **assignments**. Assignments consist of problems from throughout the year, with an emphasis on the most recent journals. You will generally not have answers to them. You will have some of the answers on the assignments immediately preceding a test. I would encourage you to check your answers with classmates, or get help from me. Assignments are due as listed on the assignment sheet, and are worth 20 points. Some will be accepted a little late for 15 points. Assignments will be graded for correct work and answers. Neat, logical steps are a very important part of this class.

Last, is **extra credit**. There are a few extra problems that go along with each day's journal, worth 3 points each section. Each group of 4 extra credits are due on test day and will not be accepted late.

You will have homework almost every class. You should be able to finish the journal, maybe even start the assignment most of the time in class, unless you are behind on the previous assignment. Each day's journal and assignment should be finished at home. You will have more to do at home on short class days, such as Mondays and assemblies. Time spent at home will vary a lot depending on how you spend class time, how quickly you catch on, and how quickly you work. I would expect between $\frac{1}{2}$ hour and $1\frac{1}{2}$ hours per class. If you are consistently spending over $1\frac{1}{2}$ hours you probably need to come in and get some help.

- ✓ **Quizzes ~15%:** Quizzes show me that you understood the journal. Quizzes will be given every class except test days. Quizzes are worth 15 points and are exact questions from the previous class journal. Quizzes will be given the first 10 minutes of class. Quizzes will be returned the next class period, so **if you are absent you must come before or after school (or during SEAT time) to take the quiz – before we have class again.** Quizzes will help you study for the test – so pay attention and keep them. Be sure you have all the right work and answers on your quizzes when we go over them. Your lowest quiz score each term will be dropped.

- ✓ **Tests ~70%:** Tests are the basis of this class. To get credit for Algebra 2 you must show that you have learned the material and remember it throughout the year. Tests are given about every 5 class periods and are very similar to the assignments. All tests are cumulative from the whole year, but the emphasis is on the previous 4 journals. Test are worth 100 points (you will also receive 3 extra points for being in class on time on test day). You will only receive credit for scores of 65 or higher (see retake below).
If you miss a test try to come before or after school to take it before the next class. Otherwise, I will have you take it the next time you come.

TEST RETAKES

If you score lower than 65 on a test it will not be recorded. You must retake the test within 10 school days of when it is handed back. If you score 65 or higher on a test you may retake it before or after school to improve your grade within 5 school days of when it is handed back. The following steps must be taken by anyone required to or wishing to retake a test:

1. Do or redo the 4 journals preceding the test if you scored lower than 8/10 (you will not receive journal credit – just be allowed test retake)
2. Correct all missed problems on the assignment due on test day, with the teacher
3. Correct all missed problems on the original test, with the teacher

LATE WORK POLICY: Assignment due dates are very important; since quizzes will be given that cover the work on the homework. Students may turn in assignments (NOT journals) for a unit up until the date of the unit test. Late work will receive a maximum of 70% of the original score. If a student is absent, they have a week to turn in the assignment they missed. Missed journal assignments must be turned in the day the student returns, and will not be accepted after. Students must fill out an **Absent Work Form** (attached) and attach it to the assignment. If the student misses a test, they have a week to come in before or after school to make it up.

Final term grades will be assigned on the following scale:

90 – 100	A	65 – 69	C
85 – 89	A-	60 – 64	C-
80 – 84	B+	57 – 59	D+
76 – 79	B	53 – 56	D
73 – 75	B-	50 – 52	D-
70 – 72	C+	49% or below	F

ATTENDANCE: This classroom follows Lehi High School's attendance policy (see student handbook or on Lehi High's website). A student will receive a "No Grade" in the class upon their fifth excused absence or fourth tardy. Please note that any *unexcused* absences are considered truancies, and the student will be required to make up each unexcused absence. Students will be able to make up attendance time during the SEAT time at the end of 3rd period.

REMEDATION: Our purpose is to help your student succeed in gaining an understanding (and hopefully an enjoyment) of mathematics. If a student encounters difficulty in this class, we would like nothing better than to help, and we encourage students and parents to come talk to us and work out a plan to catch up on an individual basis. We are available after school Tuesday-Thursday, and we will be happy to set up another time to meet with you if necessary.

DISCIPLINE PLAN:

Classroom Rules:

1. ***Be prepared*** – come to class ready to learn and participate, bringing all the materials (including homework) you will need to class.
2. ***Be respectful*** – of the people, equipment, and furnishings in the classroom. This includes listening during class discussions and working during assignment/quiz/test time. This also includes avoiding offensive language or actions.
3. ***No electronic devices excepting calculators are allowed in class.*** This includes, but is not limited to, cell phones, i-pods, and PDA's. Please do not plan to use the calculator on your cell phone for class work. If these items are seen, they will be confiscated and returned at the end of class. If it becomes a recurring problem, parents will need to come get the item from me. Parents – please remember that if you need to contact your students during school, you can do so by calling the front office.
4. ***Please clean up after yourselves.***
5. ***Please don't bring food or drink into the classroom.*** The only exception to this is a water bottle.

HOW TO CONTACT US:

We are here to help you learn, and we will make every effort to make the process a good one. If you have questions or concerns about the class, please feel free to contact us.

Mrs. Barton: 801-768-7000 ext. 211, e-mail: abarton@alpine.k12.ut.us

Mrs. Cunningham: 801-768-7000 ext. 212, e-mail: mcunningham@alpine.k12.ut.us

Ms. Ha: 801-768-7000 ext 209, e-mail: sha@alpine.k12.ut.us

Ms. Lambert: 801-768-7000 ext 213, e-mail: llambert@alpine.k12.ut.us

We're looking forward to getting to know you this year!

Parents and students -- please sign and return this. This is your first assignment.

ALGEBRA 2

I have read and understand the disclosure document for College Prep.

Student Name (please print) _____ Class Period: _____

Student Signature: _____ Date: _____

Student Email: _____

~~~~~

Guardian Name (please print) \_\_\_\_\_

Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Guardian Email: \_\_\_\_\_

Guardian(s) Phone Number(s): \_\_\_\_\_

Best time to contact: \_\_\_\_\_

~~~~~

Absent Work Acceptance Request

Name: _____ Hour: _____

I was absent on _____. This assignment was **graded / assigned** (circle one) on the day that I was absent.

I understand that any assignment that was *corrected* the day that I was absent is **due as soon as I return**.

I also understand that I have **a week** to make up any assignments that were *given* on the day that I was absent.

I am aware that if I fail to meet the above requirements my work will be **considered late work** and will be graded as such.

Student Signature: _____

(To be completed by teacher) Date returned: _____ Score: _____