

Algebra 1B

Mrs. Hollowell & Mrs. Dodd-Nagel

2023-2024

Room 129

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Welcome to Algebra 1B!

Course Overview:

This course contains the material to be learned for the Common Core Algebra Exam given in June. A passing grade in Algebra and the exam are a requirement for a NYS diploma. This course is being structured as a **flipped classroom**. This means students will watch instructional videos and take notes at home. The notes will be reviewed in class with all students to ensure understanding. Most "Homework" will be completed in class. Some homework may be assigned outside of class.

Syllabus / Course Outline:

1. The Elements of Algebra
2. Writing and Solving Linear Equations and Inequalities
3. Graphing Linear Equations and Functions
4. Inequalities, Absolute Value, Piecewise and Step Functions
5. Systems of Linear Equations and Inequalities
6. Operations with Polynomials
7. Special Products and Factoring
8. Quadratic Equations and Functions
9. Exponents and Exponential Functions
10. Interpreting Quantitative and Categorical Data

Grading Policy, quarterly grades are based on the following:

Notebook - 10%

- Most lessons will be conducted in video format.
- For each lesson you watch, you will be required to take notes using a teacher-provided study-guide, the following day we will summarize what you learned prior to classwork. Come to class prepared to answer questions about your lesson.
- Your written notes will be checked daily for completion and you will be given a grade at the end of each unit.
- Failure to come to class with your study-guide completed will reduce your grade and you will not be able to participate in the classwork until it is completed.
- Students may be assigned to math lab or given a detention for failing to complete video lessons.

Classwork - 20%

- You will have classwork daily (except test days). All classwork will be collected and graded.
- Show all calculations and work even if you do it in your head or on a calculator.
- Classwork assignments **must be correct**; you may be expected to do corrections or additional problems outside of class to demonstrate understanding.
- Failure to turn in corrections or additions to classwork will result in NO credit for the assignment.

Tests - 40%

- There is usually 1 test for each unit. Tests will always be announced. There will be a unit review the day prior to each test. Since tests are announced ahead of time, you are responsible for being prepared, even if you are absent on review day.

Quizzes - 30%

- Quizzes may be announced or unannounced. Quizzes will need to be made up if you are absent. Students must be prepared by keeping up with the classwork and reviewing their notebook.
- Cumulative Reviews will be given at the end of each unit and will count as a quiz grade. Students have 1 week to complete cumulative reviews. Students may get it checked prior to the due date (to make corrections) by attending math lab.

Final Exam

The NYS Common Core Algebra Exam will be final exam in this class. You must take this exam even if you have previously taken the exam and passed.

Algebra I B Final Grade =

$$\underline{\underline{(\text{Quarterly Averages} + \text{NYS Common Core Exam})/5}}$$

Materials

- 3 ring binder
- Pencils/Pens
- Lined paper
- Access to Video Lessons via internet

Classroom Rules/Expectations:

- Students are responsible for viewing the daily lessons and taking notes **PRIOR** to class.
- Class time is for classwork, NOT lessons.
- Be responsible for your work.
- Bring necessary materials: notebook, pen, pencil. Calculators are available in class.
- Be in your assigned seat **ready to work** when the bell rings. Excessive tardiness will result in a teacher detention.
- Be polite. Do not intentionally interrupt the teacher or another student.
- Observe all school rules. No cell phones, food, drink or hats.
- Respect yourself, your classmates, teachers and aides.
- Sharpen pencils at the beginning of class OR when time is given to work on classwork.
- Inappropriate language will not be tolerated and DR will be written for ANY offense.

Cell Phones

- **PLEASE NOTE: NO CELL PHONES WILL BE permitted in CLASS. Cell phones must be out of site for the entire class period. If a student is found with an electronic device during any testing they will receive a ZERO - just like a NYS Regent's exam.**

Absenteeism - Tardiness: (Refer to school's attendance policy)

- Attendance is an essential to being successful in Mathematics. Please do not let your child miss anymore school than is absolutely necessary. See school policy on absenteeism and turning in assignments.
- When a student is absent from school, it will be his or her responsibility to contact me to receive the assignments and complete the work in a timely fashion.
- When a student misses class because of any school event such as band, chorus, or athletics, it is his/her responsibility to turn in all assignment(s) due the day of the absence and obtain

Attendance During One School Year	Equates to Days Absent	Number of weeks absent approximately	Number of lessons missed
95%	9 Days	2 Weeks	45 Lessons
90%	19 Days	4 Weeks	95 Lessons
85%	29 Days	6 Weeks	145 Lessons
80%	38 Days	8 Weeks	190 Lessons
75%	48 Days	10 Weeks	240 Lessons
70%	57 Days	11.5 Weeks	285 Lessons
65%	67 Days	13.5 Weeks	335 Lessons

notes/assignments covered that day. Students are expected to have the assignments completed for the following day, with the rest of the class.

- If you are absent for a test, students must make it up within two days. If this is a problem, you must see me to make arrangements. Students with few study halls in their schedule may be asked to take a make-up test during homework help time in one of the approved after-school homework help rooms.

Academic Honesty

All students are expected to abide by ethical academic standards.

- Collaboration on homework is expected and encouraged, as long as it is a joint intellectual effort.
- Cheating is prohibited. Students engaging in cheating will receive a zero for the assignment.
 - Cheating includes, but is not limited to, copying, or giving an assignment to a student to be copied.
 - Cheating includes communication, in any way, between students during a quiz or exam.
 - Cheating includes using unauthorized materials for the purpose of gaining an advantage during a test or quiz. This includes, but is not limited to, textbooks, notes, cell phones, computers, or other unauthorized technology (unless approved and communicated by the teacher).
 - Work submitted must align with classroom instruction. Using techniques not explicitly taught in class (such as math solver apps or websites) will not receive credit.

Progress Reports:

Progress reports are available through the Powerschool Parent portal. Contact the main office for a printed progress report.

Graphing Calculator

- Students may NOT use phones, ipods, tablet computers, etc. as a calculator. Only school-approved calculators may be used during tests/quizzes.
- TI-Nspire CX Graphing Calculators will be used in class.
- Students may purchase their own or borrow a graphing calculator for the school year from the school after completing a sign-out sheet, signed by both the student and their parents.

Graphing Calculator Loan Agreement

**Allegany/Limestone Central School
3131 Five Mile Road
Allegany, NY 14706
716-375-6600**

Student: _____ **Date:** _____
(print)

Teacher: Mrs. Dodd-Nagel **Course:** Algebra 1B

Equipment: Ti-Nspire Graphing calculator

Year Purchased: 2016 **Lending School Year:** 2023-2024

Asset Control Number: _____
(completed by teacher when assigned)

To the parents: Your son or daughter must have a graphing calculator in the course stated above. They may purchase their own or borrow one from Allegany-Limestone Central School. In the event of the latter, you and your child must agree with the terms stated below. Please read and sign below confirming your agreement.

Agreement: Both parent and student understand that any damage or loss to the graphing calculator or calculator cover, will be the responsibility of the borrower/parents to pay for the replacement cost. Approximate calculator cost is \$135.00. Approximate charging cord cost is \$5.00

Student Signature: _____ **Date:** _____

Parent Signature: _____ **Date:** _____

Algebra 1B
Grading Policy & Class Contract

I have read the attached course grading policy and I understand the classroom expectations and grading policy.

Student Name _____
(Please Print)

Student's Signature _____



Parent/Guardian Names
(Please Print)

_____ Daytime phone _____

Evening phone _____

E-mail _____
(Please Print)

_____ Daytime phone _____

Evening phone _____

E-mail _____
(Please Print)

Parent/Guardian Signatures
