



CENTENNIAL HIGH SCHOOL 2011-2012

SYLLABUS

COURSE:	Accelerated GPS Algebra/Geometry (Accel. Math 1)
INSTRUCTOR:	Mrs. Connie Raji, room I-03
E-MAIL:	raji@fultonschools.org
WEBSITE:	http://rajiclass.weebly.com
TEXTBOOKS:	McDougal Littell Georgia Mathematics I (\$ 69.48) McDougal Littell Georgia Mathematics II (\$ 71.25)

COURSE DESCRIPTION:

This course will thoroughly explore the characteristics of functions, using graphs, tables, and algebraic techniques. Students will also simplify and operate with radical expressions, polynomials, and rational expressions. Students will also learn to analyze and solve quadratic equations and inequalities, and they will investigate step and piecewise functions.

Students will also understand and explore the properties of geometric figures on the coordinate plane. Triangles, quadrilaterals, other polygons, and circles will be investigated, as well as 3 dimensional figures like spheres. Students will understand and explore mathematical logic.

Additionally, students will also will use the basic laws of probability, determine the number of possible outcomes for events, and relate samples of a population.

MATERIALS

- ✓ Textbook
- ✓ 3 ring binder with tabbed dividers
- ✓ Loose-leaf paper
- ✓ Graph Paper
- ✓ Pencil (Work submitted in pen will receive deductions of 5% to 20%)
- ✓ Graphing Calculator (any TI-83 or TI-84 Plus Silver Edition model) is strongly recommended, but not required

Notebooks: Students are expected to maintain 3 ring binders with the following tabs:

- Section 1: Classwork, handouts given in class, notes from class
- Section 2: Homework
- Section 3: Assessments

All papers should be dated at the top of the page.

GRADING POLICY

GRADING SCALE

A = 90 – 100%
B = 80 – 89%
C = 70 – 79%
F = Lower than 70%

WEIGHTING

45% - Tests/Major Projects
25% - Quizzes/Minor Projects
10% - Homework/Classwork
20% - Cumulative Final Exam *or* End of Course Test

Grading System: Students will be given progress reports to bring home at the end of each 6 weeks. Report cards are mailed home at the end of each semester. In addition, student grades should be available online through Home Access Center.

HONOR VIOLATIONS (PLAGERISM AND CHEATING – SEE STUDENT HANDBOOK)

In an effort to encourage good study habits, fair competition, and positive development in the area of academics and extra-curricular activities, the Centennial faculty supports a strong policy against honor violations. An honor violation is defined as giving or receiving, in any form, information related to a graded experience, either inside or outside of class; violation of athletic team rules or Georgia High School Association Rules which prompt a coach or GHSA reprimand; and student club and organization rules or by-laws which can result in suspension or dismissal from the club or student organization.

ACADEMIC HONESTY ON HOMEWORK

It is important to try your best to understand and do all of your work. Homework problems may be discussed outside of class, and it is acceptable to consult on approaches or methods, but the work itself should be your own.

Homework: Homework will be assigned on a daily basis. Homework should have the proper heading, including your name, the date it was assigned, **the section of the book** (if applicable), the page and problem numbers. All original problems are to be copied from the textbook (except word problems) and all work shown in order to receive credit for the assignment. **No late homework will be accepted**, unless the student is out due to illness, or other accepted reason. **Homework left at home, in someone's car, in another book, in your locker, etc. is (unfortunately) late and will not be accepted.**

Homework will be assessed through any of the following methods on any day of the week:

- Homework may be spot checked for completion,
- Homework may be collected with selected problems graded for accuracy,
- Homework quizzes may be given and graded.

Quizzes: There will usually be at least one quiz for each chapter of study. Most will be announced, but some could be pop quizzes. If a student is absent or does not take the quiz for another reason on the quiz day, the quiz **must be made up before or after school within 3 days**. Any quizzes made up after 3 days will have 15 points deducted per day for each day which the make-up quiz is late.

Tests: There will be at least one major test at the end of each unit. No new material will be covered the day before a test. These days are reserved for review. As a result, any student absent the day before a test will still take the test with the rest of the class. Students should make arrangements to receive any review handouts with other students in the class. If a student is absent or does not take the test for another reason on the test day, the test **must be made up before or after school within 3 days**. Any test made up after 3 days will have 15 points deducted per day for each day which the make-up test is late.

ATTENDANCE

Refer to the student handbook.

TARDIES

Do not be late. Tardies will be penalized according to the CHS policy. Walking into the room as the bell is ringing is considered tardy. You must be in the room before the bell rings. Having your books or other personal items in the room is not the same as **you** being in the room. The consequences for being tardy are:

- 1st offense – Verbal Warning
- 2nd offense – Phone call or email to parents
- 3rd offense – Detention (30 minutes from 8:00AM to 8:30AM)
- 4th offense – Office referral

CLASSROOM EXPECTATIONS

All policies outlined in the Fulton County Student Discipline Manual and in the Centennial High School Student Handbook (Agenda) are in effect in this classroom at all times.

1. Bring all required material to class daily. Be prepared!
2. Be courteous, respectful, and helpful at all times. Ask for permission before borrowing anything.
3. Participate appropriately in class discussion. Raise your hand and wait to be called on to speak.
4. Be cooperative and respectful to all students, faculty, substitute teachers, and staff at all times.
5. Be on time to class. The school tardy policy will be strictly enforced. (See student handbook)
6. Food items and drinks are not to be brought into the classroom. **Water** is permitted in **clear plastic bottles only**.
7. Take proper care of all school-owned equipment and facilities. Keep the classroom neat and orderly.
8. Visit the restroom and water fountain between classes.
9. Do not get out of your seat during class EXCEPT to sharpen pencils (and then only one at a time)
10. Keep on task. (Do what you are supposed to be doing).

Consequences for failure to follow classroom rules:

1st offense – Verbal warning

2nd offense – Phone call or email to parents

3rd offense – Detention (30 minutes) and phone call or email to parents

All offenses after the third will be referred to the appropriate administrator.

Severe offenses will automatically be referred to the appropriate administrator.

If you can't attend detention, DON'T MISBEHAVE!

Detentions will be served during the teacher's office hours. Failure to serve an assigned detention will result in a referral to the appropriate administrator.

Students who misbehave and cause problems for a substitute teacher will automatically receive two days detention. Parents will also be contacted.

MAKEUP

If a student is absent, it is his/her responsibility to turn in any outstanding assignments after returning to class. You will have the same length of time to turn in assignments as you were absent, that is, if you are absent 3 days, you should turn in your assignments within 3 days of your return to class.

It is also the student's responsibility to schedule make-up quizzes and tests. Tests/quizzes may not be made up during class as the student will miss valuable information. See more details under **Quizzes** and **Tests**.

LOST/DAMAGED BOOK POLICY

Students are financially responsible for all books issued by Centennial High School. Textbooks may not be left in classrooms, and teachers are not responsible for students' books once books have been issued to the student. The copy issued to the student must be turned in at the end of the course. Students will not receive credit for turning in another student's book, and students may not turn in replacement books. The cost of replacement will be assigned to any student that fails to turn in the exact book she/he was issued and/or to any student that turns in a damaged book.

EXTRA HELP:

A schedule will be posted with specific days and times. Make sure to arrange a ride accordingly.

RECOVERY

Provision for Improving Grades

As there will be many assessments and chances to improve your grades, I do not give extra credit projects. The key to success in this and any class is to keep up with your work daily and get help immediately if you are struggling with the class. **If there are no missing homework or other assignments** and the student has demonstrated a legitimate effort to meet all course requirements (including attendance), there are opportunities designed to allow students to recover from a failing cumulative grade or one that indicates a significant decline in achievement will be allowed.

To qualify for this opportunity, you must do **your homework as it is assigned**. No "lump" of missing homework will be accepted for recovery purposes. **Students must initiate the request in writing to recover a test.** Students will be allowed to retake a test which received a grade of 74 or below. The average of the two scores will then replace the original score, **even if the retake of the test results in a lower test grade.** The student will be given until the end of the current unit to recover the previous unit's test. Tests must be made up with the teacher before or after school during the extra help time periods. Tests may only be retaken once. The first test of the semester is not eligible for recovery. Also, quizzes are **NOT** eligible for recovery.

Student's Full Name (print) _____

Accelerated GPS Algebra/Geometry (Accel. Math 1)

Period _____

Dear Student and Parent/Guardian:

I am asking for your assistance in the student's success. The syllabus will be available on line, in case any questions arise during the year. Please take a few moments to read through the course syllabus in paper form or on my website <http://rajiclass.weebly.com> to become familiarized with the class content and my expectations. Please sign below indicating that you have read the syllabus.

Student: _____
(Please print name, then sign)

Parent: _____
(Please print name, then sign)

Centennial High School has a program called Home Access Center (replaces ParentConnect) that allows you to view your child's grades and attendance on-line.

Due to my limited access to a telephone during the day, the best way for me to keep in contact with you is by email. If you have an email address please include it below. **Please print clearly**, so that I may be able to contact you, if needed.

(Parent email address) *Circle One: Father/Mother*

(2nd email address if needed) *Circle One: Father/Mother*

Best phone number during day: _____

Best phone number during evening: _____

You are encouraged to monitor your student's progress. I would like to suggest several techniques for doing so:

- **Check grades and attendance regularly on Home Access Center**
- Encourage your student to ask questions in class
- Encourage your student to come for extra help before school.
- Email me with your concerns (the best way to reach me) at raji@fultonschools.org

I look forward to working with your student and, in advance, want to extend my appreciation for your effort to support his/her academic success.

Sincerely,

Connie Raji

----- Please tear off for your records -----

Website address: <http://rajiclass.weebly.com>

Email only: raji@fultonschools.com