

**Accelerated Math I: Accelerated Integrated Advanced Algebra Honors  
Course Syllabus  
First Semester, 2009-10**

Teacher: Ms. Leslie Baker  
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Textbook: High School Mathematics: Course I, McDougal Littel  
Replacement Cost: \$70.00

***Course Description***

This is the first in a sequence of mathematics courses designed to prepare students to take Advanced Placement Calculus AB or BC during the junior year of high school. This course combines ideas from the traditional courses of Algebra I, geometry, Algebra II, and statistics. It includes radical, polynomial and rational expressions; functions and their graphs; quadratic and radical equations; fundamentals of proof; properties of polygons, circles and spheres; coordinate geometry; sample statistics and curve fitting. Students will receive a final grade at the end of each semester that will carry high school credit. The topics covered this semester are as follows:

Function Families  
Algebra Investigations  
Geometry Gallery  
Circles & Spheres

***Grading***

Grades are determined as follows:

Tests	45%
Reality Checks	20%
Projects/Math Logs/Other Assignments	10%
Homework	10%
Final Exam(s)	15%

The grades at the end of each semester are final grades and are not averaged together at the end of the school year

Fulton County Academic Grading Scale:

A	90 and above	C	70 - 79
B	80 -89	F	69 and below*

\*By state rule, any grade below 70 is failing.

***Suggested Supplies***

***For School:***

Looseleaf Paper  
3-ring Binder  
Dividers w/ pockets for binder  
Pencils  
Graph Paper (4-5 squares/inch)  
Folder w/brads and pockets for Math Log

***For Home (helpful):***

Calculator – A graphing calculator is helpful.  
Compass  
Protractor  
Ruler

### ***Homework***

Homework will be assigned on most days. Homework is graded based on completion of the assignment, and students are expected to have their completed assignments the day they are due. Students must show their work for all problems. Late or incomplete homework must be made up and will be accepted for partial credit. Students should keep their homework assignments in an organized notebook. Homework quizzes may be given periodically. In addition to written assignments, students will need to study for upcoming tests and works on long-term assignments or projects. Students should write their assignments and test dates in their agendas daily.

### ***Provision for Improving Grades***

Opportunities designed to allow students to recover from a low or failing cumulative grade will be allowed when all work required to date has been completed and the student has demonstrated a legitimate effort to meet all course requirements including attendance. Students should contact the teacher concerning recovery opportunities. Teachers are expected to establish a reasonable time period for recovery work to be completed during the semester. All recovery work must be directly related to course objectives and must be completed ten school days prior to the end of the semester.

Teachers will determine when and how students with extenuating circumstances may improve their grades.

### ***Pacing***

This course is an honors-level high school mathematics course with content approximately equal to one and one-half years of traditional high school mathematics. Every effort is made to ensure that students understand the concepts prior to tests and reality checks. Students should not routinely need additional time to complete tests and reality checks. While students should work problems carefully and check their work, one of the skills they should develop is the ability to pace themselves to complete work within a given time period. Toward this end, additional time will only be granted for completing tests and reality checks for mitigating circumstances.

### ***Extra Help***

This class is with Ms. Baker for REAL time, providing time each day for students to receive extra help as needed. In addition, the teacher is available most mornings from 8:25 - 8:45 AM for extra help. Please make an appointment with the teacher at least 24 hours ahead of time to ensure that there are no scheduling conflicts. A pass to come to the room will be written in the student's agenda.

### ***Teacher/Parent/Student Communication:***

Students and parents may contact Mrs. Baker at the school by calling or by using e-mail. Messages are generally returned within 24 hours of receipt. In addition, face-to-face conferences may be requested to discuss a student's progress or behavior.

Ms. Baker maintains a website for this course listing assignments and helpful internet links. Please check the site for updates.

After most major tests, grade reports are generally sent via e-mail to parents.

### ***Absence Make-up***

FCBOE Policy JBD - Upon returning to school following an absence, it is the student's responsibility to contact the teachers to request make-up work. Make-up work must be completed by the student within the time specified by the teacher. At Taylor Road Middle School, the student will be given the same amount of time to make up the work as the student was absent unless other arrangements are mutually agreed upon. The student will receive the actual grade on the make-up work if the absence was "excused." Make-up work for "unexcused" absences may be reduced by ten points. Make-up work submitted late will receive a zero.

### ***Classroom Procedures***

There are four basic expectations in this class:

1. Be prompt.
2. Be prepared.
3. Be productive.
4. Be polite.

In addition students are not allowed to chew gum during class.

### ***Discipline***

To ensure the proper learning environment in the classroom, all students are expected to demonstrate a positive attitude toward learning. If discipline problems arise, they will be handled on an individual basis.

**PLEASE SIGN AND RETURN THIS SHEET TO MS. BAKER. KEEP THE SYLLABUS AS A REFERENCE.**

I have received a copy of the syllabus for the Accelerated Integrated Advanced Algebra Honors class.

Student Name (printed): \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Parent Name (printed): \_\_\_\_\_

Parent Signature: \_\_\_\_\_

Date: \_\_\_\_\_