

# Harris County-Carver Middle School

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## Accelerated 7<sup>th</sup> Grade Math Syllabus 2022-23 7B/8<sup>th</sup> grade

Accelerated 7<sup>th</sup> Grade Math is developed to facilitate students in the mastery of the 7<sup>th</sup> grade B Ga Standards and all of the 8<sup>th</sup> grade curriculum at a faster pace than the regular math class. Students are recommended for this course by their 6<sup>th</sup> grade math instructor based upon the math readiness test, academic performance, and the Ga MileStones.

The GA Standards of Excellence will be those that are the foundation of advanced math courses that are offered at the high school level. The preview of these standards will enrich the student's understanding and conceptualization of how these math standards interrelate in their 7<sup>th</sup> grade/8<sup>th</sup> grade year so that they can achieve a higher level of mathematical success in high school accelerated math courses.

Accelerated 7<sup>th</sup> Grade Math students are expected to uphold academic integrity and excellence. The expectation will be that students will study and complete class work and homework as instructed. Learning at an accelerated pace requires responsibility on the student's part so that they can keep up with the pace of the class. ***Copying work of others and cheating on any individually assigned tests, quizzes, or performance tasks will not be tolerated.***

### **I. Class Goals:**

To equip students with the knowledge of how to approach unknown problems and uncover solutions with an open-ended exploration teaching process where the teacher is a facilitator rather than an information-giver. Based on the GSE for 7<sup>th</sup> and 8<sup>th</sup> grade students, the following topics will be taught:

Unit 1 - Geometry MCC7.G

Unit 2 - Transformations, Congruence, & Similarity MCC8.G

Unit 3 – Exponents MCC8.EE/NS

Unit 4 – Geometric App. of Exponents MCC8.G/EE

Unit 5 - Inferences MCC7.SP

Unit 6 – Probability MCC7.SP

Unit 7- Functions MCC8.F

Unit 8 – Linear Functions MCC8.EE/F

Unit 9 – Linear Models and Tables MCC8.F/SP

Unit 10- Systems of Equations MCC8.EE

### **II. Materials: Students should have the following materials EVERY DAY in class.**

- Spiral 3 subject notebook
- Notebook Paper/Graph Paper
- Pencils- no pens allowed
- Ruler

#### **• Calculators –The TI30XS is the GA Milestones approved calculator for mathematics and may be used in grades 7<sup>th</sup> – 9<sup>th</sup>.**

- Students are encouraged to purchase the TI30XS calculator to assist with out of class assignments.
- Calculators will be available in the classroom when appropriate and will be utilized more as we move into the second half of the year.
- Graph paper will be used more frequently in the second semester from January to May.

### **Textbooks and Materials:**

Materials will be provided in class. Students will keep an Interactive Notebook.

CK-12 will be the online text and interactive practice for students. CK-12 can be found in the clever portal. Teachers will also post assignments through google classroom.



**III. Grading Policy:** Grades will be determined by assignments such as homework, class work, quizzes, notebooks, and tests. There will be a few projects throughout the year. The grades will be weighted as shown below:

Class work	40%
Homework	20%
Tests/Quizzes	30%
EOY Readiness exam	10%

**IV. Absences/Suspensions:**

If you are absent, you have 3 days to make arrangements to make up any assignment, test and/or quiz you may have missed. **It is your responsibility to see me about missed work.** Assignments not made up within the allotted time will result in a zero.

**V. Class Dismissal:**

Class is not dismissed by the bell or intercom. The teacher dismisses the class.

**VI. Discipline: (IN CLASS)**

It is the instructor's responsibility to teach. Disruptions prevent the delivery of instruction and interfere with the learning process of classmates. Proper behavior is expected at all times. Student consequences will comply with those established by the Harris County Carver Middle School administrators and faculty. Consequences will be rendered in accordance to that specified in the Student Handbook issued at the beginning of the school term.

1. 1<sup>st</sup> offense – warning/seat change etc.
2. 2<sup>nd</sup> offense – parent phone call
3. 3<sup>th</sup> – Office referral

Please email your child's teacher at [daniels-k@harris.k12.ga.us](mailto:daniels-k@harris.k12.ga.us) or [adkins-s@harris.k12.ga.us](mailto:adkins-s@harris.k12.ga.us) or contact me at the school at (706)628-4951.

Looking forward to a great year.

Ms. Daniels and Mrs. Adkins

I hereby confirm that I have read and understand the Accelerated 7B/8 Grade Math guidelines. I agree to abide by these limits.

**See Below for Accelerated Contract and sign.**



# Harris County Carver Middle School Accelerated Math 7B/8 Contract 2022-2023

## Curriculum

The curriculum for the Accelerated Math 7B/8 is based on the CCGPS which can be found at <https://www.georgiastandards.org/Common-Core/Pages/Math-6-8.aspx>

## Textbooks and Materials

Materials will be provided in class. Students will keep an Interactive Notebook. **Edgenuity** will be the online learning platform. Students may need to purchase supplemental materials (highlighter, pens, notebooks, TI30xs calculator, etc) for this course.

## General Course Expectations:

Each student in Accelerated Math 7B/8 is required to:

- complete and submit all assignments (homework, projects, lab reports, etc.) on the due dates. **Late work will receive a 20 point deduction per day.**
- turn in make-up work within 3 days following any absence. (If submitted within 3 days, no penalty will be assessed)
- do his/her own work on all assignments, projects, or exams.
- return a signed Accelerated Math Academic Contract.

## Grading Policy (this policy is a guide and may change prior to the school year)

Nine Week Grading policy: **Class work 40% Homework 20% Test/Quizzes 30% EOY Readiness exam 10%**

## Make-up Work

Accelerated Math 7B/8 participants will have three days to make up any work missed for absences.

## Probation and Exit Guidelines:

If a student's nine weeks grade is below 80 he/she is placed on probation for the following nine weeks. A student-parent-teacher conference may be requested to develop an Individual Academic Intervention Plan, and to develop strategies for success. At the end of the semester, if the average remains below 80, a conference may determine if any additional interventions will change the student's work habits or if it is appropriate for the student to be exited from his/her accelerated program. **\*\*\*If a student exits,, their daily academic core schedule will be modified to accommodate state class size requirements and local school needs.**

Accelerated Math 7B/8 is an academically advanced course designed to challenge motivated students to understand rigorous content. This course may require a substantial amount of work outside of class for successful completion. Students should carefully evaluate the time commitments and priorities of extracurricular and community activities as they consider the number of rigorous courses for their schedules.

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## Student Agreement

I have read the contract guidelines and expectations of this Accelerated Math 7B/8 course. I agree to organize my time and efforts to meet the academic challenges of the course. I will request help and attend tutorials if I fall behind in class assignments or have difficulty with the coursework. I understand that my success in this course is primarily my responsibility.

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

\_\_\_\_\_  
Date

## Parent Agreement

I have read the guidelines and expectations of this Accelerated Math 7B/8 course and agree to support and encourage my son/daughter in his/her endeavors in the course. I will notify the teacher immediately of any concerns I have relating to the Pre-AP class or my child's progress.

\_\_\_\_\_  
Parent/Guardian Signature

\_\_\_\_\_  
Date