

A large, faded eagle logo is centered in the background. The eagle has a yellow beak and is looking to the right. The text is overlaid on this logo.

**GRAY COLLEGIATE ACADEMY
(GCA)**

20-21 School Year

8TH GRADE STUDENTS

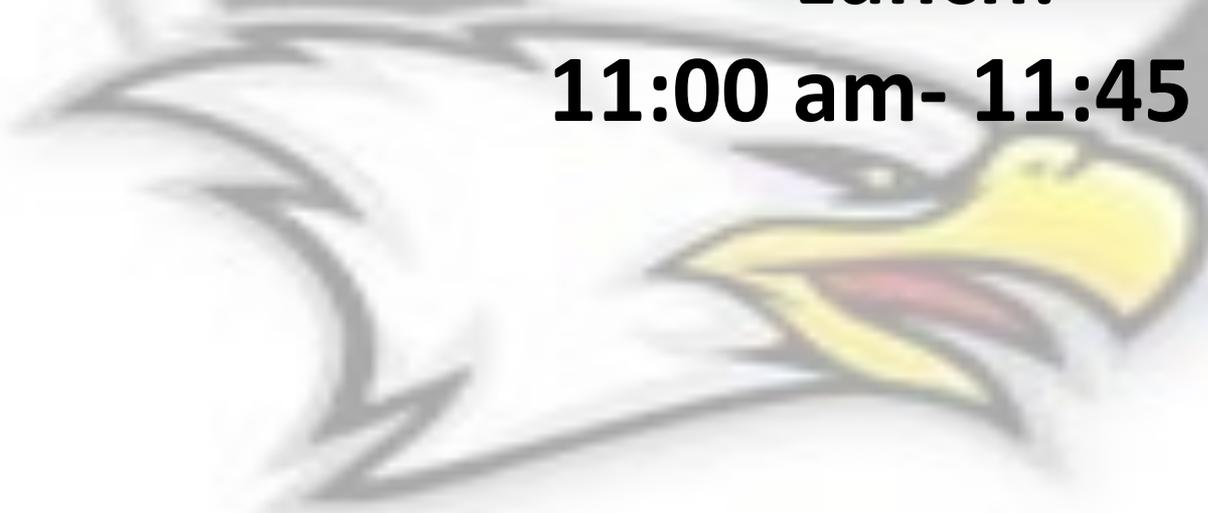
8TH GRADE SCHEDULE

8th Grade students attendance hours:

7:45-2:30

Lunch:

11:00 am- 11:45 am



8TH GRADE English and Math

- **English and Math are Semester classes.**
- **All students will begin their schedule with an 80 minute first block of either English or Math.**
- **They will take the coinciding class the second semester in their first block.**

8TH GRADE Regular Courses

- All other classes will be 50 minutes long: Science, Social studies, Gray Integration, Introduction to career explorations, PE, Spanish 1 or Spanish 2 course.
- Gray Integration and Introduction to Career Exploration are two electives that all 8th graders will take.
- Selection of the PE or Spanish elective for students will be based on student's prior performance in their coursework.

8th Grade Sample Schedule

- **Honors English 1 (For those who qualify)**
 - **8th Grade English**
- **Honors Algebra 1 (For those who qualify)**
 - **8th Grade Math**
 - **8th Grade Science (Earth Science)**
 - **8th Grade Social Studies (S.C. History)**
 - **PE 1 (choice elective)**
- **Spanish 1 or Spanish 2 (choice elective)**
 - **Gray Integration - All Students**
- **Intro to Career Exploration- All Students**



Athletics

All 8th graders will have the opportunity to participate in the following sports:

FOOTBALL

CROSS COUNTRY

VOLLEYBALL

BASKETBALL

BASEBALL

SOFTBALL

SOCCER

GOLF

CHEERLEADERS



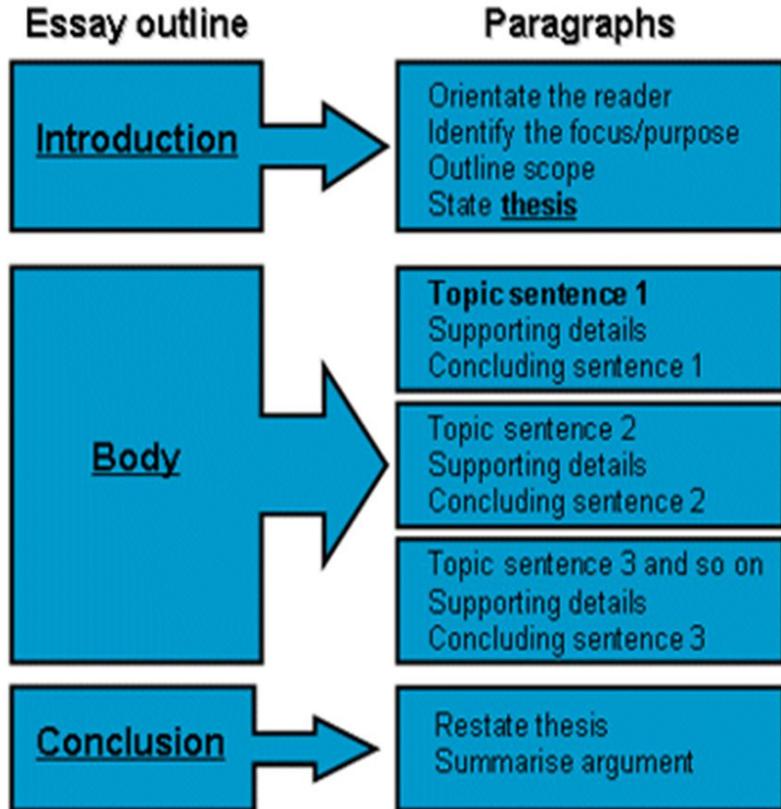
H English 1

(For High School Credit)

This course emphasizes the fundamental language skills of reading, writing, speaking, listening, thinking, viewing and presenting. An emphasis on vocabulary and composition skills will be an on-going part of the program. The course includes studies of various literary genres: short story, poetry, novel, drama, and non-fiction. The development of critical reading and writing skills is a major emphasis of the course.



8th Grade English



The focus of Eighth Grade English is to engage students in writing and literature experiences. They will implement the writing process in several different types of writing such as writing to explain, inform, persuade, compare and describe.

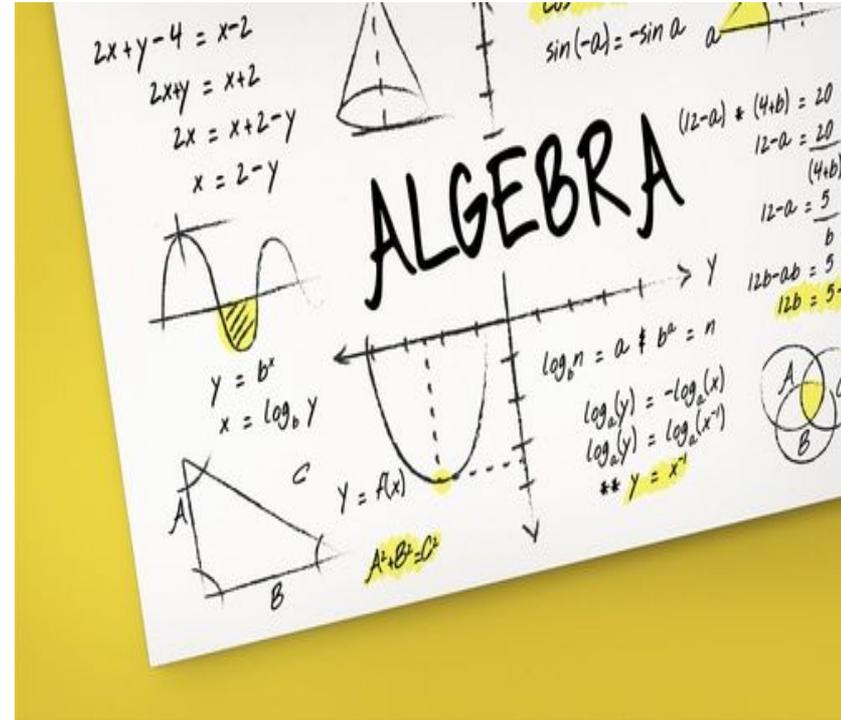
Students will begin at the sentence level and progress, according to their ability, through to expanding their writing to 3-5 paragraph essays.

They will write book reports, journals, and research reports. Within this instruction, basic grammar will be taught and applied through writing. In literature, students will experience a variety of shorts stories and at least two novels. Focus in literature will be vocabulary, literary components such as theme, conflict, point-of-view, among others.

H Algebra 1 (For High School Credit)

Algebra 1 is a comprehensive presentation of algebra for the high school student.

Topics include: Equations and Functions, Real Numbers, Equations of Lines, Graphs of Equations and Functions, Writing Linear Equations, Linear Inequalities, Solutions Using the Discriminant, Solving Systems of Equations and Inequalities, Exponential Functions, Polynomials, Quadratic Equations and Functions, Algebra and Geometry Connections, Rational Equations and Functions, and Probability and Statistics.



8th Grade Math (Pre-Algebra)

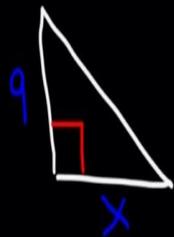
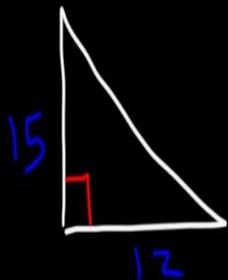
Pre-Algebra Review

$$24 \div 4 \times 3 \quad 8 - 5 \times 4$$

$$\frac{21xy^2}{63xy} \quad 17\% \text{ of } 900 \text{ ?}$$

$$\frac{2}{3}x = 9$$

$$\frac{2}{3}x = 9$$



Students solve multi-step equations and inequalities with real numbers (integers, rational and irrational numbers). Students write and solve problems involving proportions, ratio, and probability. Students write and graph linear equations and inequalities, linear and nonlinear functions, quadratic and exponential functions and use them to model real world situations. Students solve problems involving square roots and exponents. Students apply statistics and probability to design experiments and simulations. Students add, subtract and multiply polynomials.

8th Grade Science (Earth Science)

This one-year course for seventh-grade students focuses on understanding Earth and Space science systems. Students will use scientific processes, protocols, and tools, including inquiry, to build understanding of Earth's structure and place in the Solar System, atmospheric processes, and composition of matter. Critical thinking, collaboration, accuracy, and communication skills will be practiced as students extend their scientific literacy. This course is required for seventh-grade students. Instructional practices will incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society.



8th Grade Social Studies (South Carolina History)



The focus for social studies in grade eight is the history of South Carolina and the role that the state and its people have played in the development of the United States as a nation. Students learn about the state's development during colonial times; the growth of the American ideal, which led to the break with England; and the rising controversy about slavery, which led to the Civil War. The continued study of South Carolina from Reconstruction to the present, including the struggle for social and economic justice waged by the people of South Carolina, further allows students to see the progress that the state has made and also to visualize the future challenges yet to be met and overcome.

Gray Integration

This course is designed to help students develop skills and habits needed for success at Gray Collegiate Academy.

Course topics include goal setting; time management; note-taking; following directions; reading, organizing, and summarizing information for study purposes and test taking strategies. The aim of this course is to enhance student awareness of learning styles. Students will identify personal internal and external distractions and apply strategies for overcoming these. Students will learn how to realize their goals through the use of semester, weekly, and daily charts and schedules wherein priorities are set and carried out.

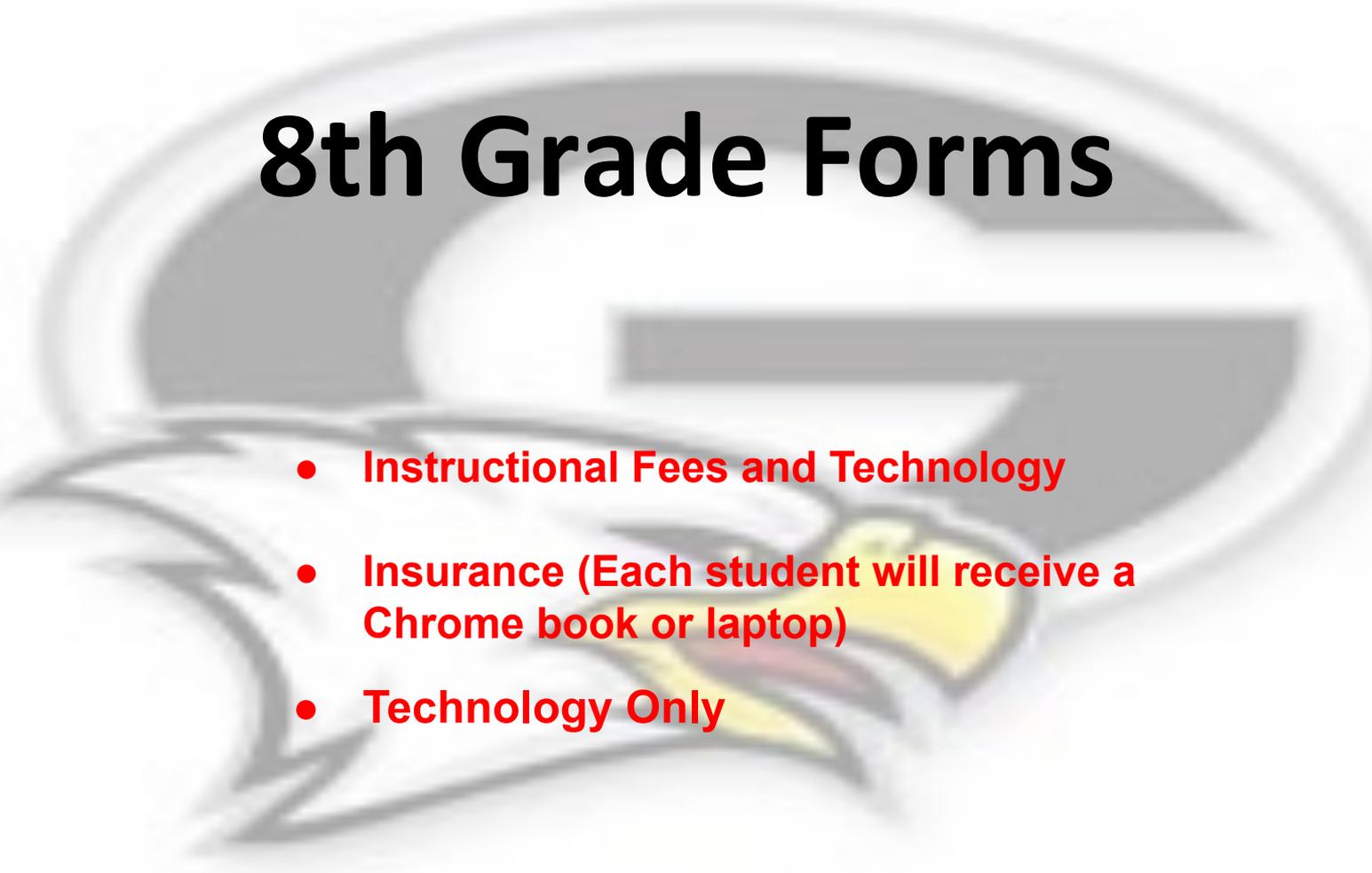


Introduction to Career Exploration



This course gives students the skills to become empowered to make clear, informed choices about their futures. As they progress through the course, students will evaluate their unique strengths and interests, investigate a variety of career options, explore an array of post-secondary education opportunities, set S.M.A.R.T. goals, learn about the job application process, and refine the skills they need to be successful in the 21st century workplace.

8th Grade Forms



- **Instructional Fees and Technology**
- **Insurance (Each student will receive a Chrome book or laptop)**
- **Technology Only**

Questions?

