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CEEB & ETS Code: 112010

Counselors

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School Information

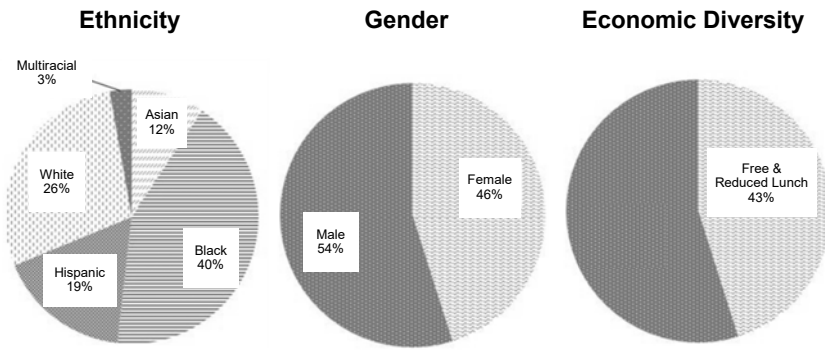
- Four year public high school located 19 miles northwest of Atlanta
- Total enrollment approximately 2,100
- One of 16 high schools in Cobb County School District
- A diverse student body made up of students from over 60 countries
- Two unique program offerings

- **The Center for Advanced Studies in Science, Math and Technology**
 A 4 year Magnet program housed within Wheeler High School. Admission is through a selective application process based on middle school grades, standardized test scores and teacher recommendations. Refer to page 4 for detailed information.
- **AVID**
 Supports students in their academics and helps them build study habits and a mindset that will allow them to pursue and succeed in advanced academic courses. Refer to page 4 for detailed information.

School Day
 Four Block Classes per Semester
 18 Weeks per Semester
 Total School Year: 2 Semesters, 178 Days

Graduation Requirements

English/Language Arts	4
Math	4
Science	4
Social Studies	3
Career, Technical & Agricultural Education, &/or Modern Language/Latin &/or Fine Arts	3
Health & Physical Education	1
Electives	4
Total Units	23



National Merit
 43 Students in the Class of 2019 were awarded National Merit Recognition

Senior Project
 All Seniors complete a mandatory Research Project in English classes, consisting of four components: research paper, physical product, portfolio, and oral presentation.

Grading System & Rank

Class Rank

Class rank is cumulative for four years and weighted according to the level of the curriculum. All courses and all students are calculated in the class rank.

Grading Scale

Grade Point Average (GPA) is computed on a 4.0 scale, with an extra quality point given for AP courses and Post-AP courses. An extra 0.5 quality point is given for magnet and honors level classes.

- A = 90-100
- B = 80-89
- C = 74-79
- D = 70-73
- F = 69 & below

*Quality points for Non-Weighted Courses
A=4, B=3, C=2, D=1, F=0*

GPA

Cumulative Grade Distribution for the Class of 2018

421 Graduates

Highest Weighted GPA 4.735
Lowest Weighted GPA 1.565
Average Weighted GPA 3.197

Highest Un-weighted GPA 4.0
Lowest Un-weighted GPA 1.565
Average Un-weighted GPA 3.019

Transcript Legend (Non-Wheeler Courses)

CVA - Cobb Virtual Academy
GV - Georgia Virtual
DE - Dual Enrollment

Advanced Curriculum

Due to the level of difficulty, some Wheeler courses receive extra weight in calculating a student's grade point average (GPA). Additional quality points are calculated into the overall GPA and are not reflected in the numerical averages.

Honors Courses (H)

.5 bonus quality point awarded

Honors Biology	Honors Econ/Government
Honors Chemistry	Honors US History
Honors Physics	Honors World History
Honors World Lit/Comp	Honors World Geography
Honors Forensic Science	Honors 9th Grade Lit*
Honors Anatomy/Physiology	Honors American Lit/Comp
Honors Calculus	Honors English Lit/Comp
Accelerated CCGPS Coordinate	2nd or 3rd year Honors Foreign Language
Algebra/Analytic Geometry A	4th year or higher Honors Foreign Language**
Accelerated CCGPS Analytic Geometry B/Advanced Algebra	
Accelerated CCGPS Precalculus	

**No bonus quality point awarded*

***One bonus quality point awarded*

Magnet Courses (M)

Higher rigor and faster pace than Honors Courses. Required for all Magnet students
.5 bonus quality point awarded

Magnet Biology
Magnet Biochemistry
Magnet Chemistry
Magnet Foundations*
Advanced Aerospace Engineering

**No bonus quality point awarded. Foundations of Engineering may be substituted as an alternative.*

AP Courses

1 bonus quality point awarded

AP Statistics	AP Human Geography
AP Calculus AB	AP US History
AP Calculus BC	AP Government
AP Biology	AP World History
AP Chemistry	AP European History
AP Physics 1 & 2	AP Micro/Macro Econ
AP Physics C: Mechanics	AP Spanish Language
AP Physics C: E&M	AP French Language
AP Environmental Science	AP Latin
AP Psychology	AP Studio Art: 2D, 3D & Drawing
AP English Lit/Composition	AP Music Theory
AP English Lang/Composition	AP Art History
AP Computer Science Principles	AP Computer Science A

Post AP Courses

Require at least one AP course as a prerequisite. Focus on application of concepts learned in AP Courses
1 bonus quality point awarded

Advanced Physics Principles & Robotics
Advanced DNA/Genetic Research
Chemical Engineering
Advanced Organic Chemistry
Honors Multivariable Calculus
Advanced Scientific Research
Advanced Scientific Internship

Dual Enrollment Courses Taught on Wheeler Campus

Georgia Institute of Technology courses taught via video conferencing
1 bonus quality point awarded

Georgia Tech Linear Algebra
Georgia Tech Multivariable Calculus
Georgia Tech Genetics

Magnet STEM & STEAM

Magnet students are required to choose either a STEM or STEAM Track. All Magnet Freshman complete either Magnet Foundations or Foundations of Engineering followed by either 3 more Technology courses (STEM Track) or 1 more Technology and 2 Fine Arts courses (STEAM Track).

Magnet Technology Options

Therapeutic Svcs - Emergency

Medical Responder Pathway

Intro to Healthcare Science
H Essentials of Healthcare/H Human Anatomy
Emergency Medical Responder
Allied Health and Medicine

Certified Nursing Assistant Pathway

Intro to Healthcare Science
Honors Essentials of Healthcare/H Human Anatomy
Patient Care Fundamentals

Audio & Video Technology & Film Pathway

Audio Video Technology Film I
Audio Video Technology Film II
Audio Video Technology Film III

Web & Digital Communications Pathway

Intro to Digital Technology
Digital Design
Web Design

Plant Systems Pathway

Basic Agriculture Science & Tech
General Horticulture & Plant Science
Nursery & Landscape

Architectural Drawing & Design Pathway

Intro to Engineering Drawing & Design
Architectural Drawing and Design I
Architectural Drawing and Design II
Structural Detailing
Civil Engineering Drawing

Engineering Graphics & Design Pathway

Intro to Engineering Drawing & Design
Survey of Engineering Graphics
3D Modeling Analysis
Technical Manufacturing & Concepts

Computer Science Pathway

Intro to Digital Technology
Computer Science Principles
AP Computer Science Principles
AP Computer Science A

Engineering & Technology Pathway

Foundations of Engineering & Technology
Engineering Concepts
Engineering Applications
Engineering R&D

Sports & Entertainment Marketing Pathway

Marketing Principles
Intro to Sports & Entertainment Marketing
Advanced Sports & Entertainment Marketing

Magnet Fine Arts Options

Music

Band
Chorus
Orchestra
AP Music Theory

Drama

Acting I, II, III
Adv Drama, Play Production
Technical Theatre I, II, III, IV
Musical Theatre

Visual Arts

Basic Visual Arts
Drawing & Painting I, II
Ceramics I, II
Graphic Arts I, II, III
Photography I, II
AP Studio Art, 2D, 3D, Drawing

Facts & Figures

Class of 2017 ACT

	Eng	Math	Read	Science	Composite
Wheeler	25	24.7	25.1	26.1	25.1
Georgia	21	20.9	22	21.3	21.4
Nation	20.3	20.7	21.4	21	21

Class of 2017 SAT

	Reading & Writing	Math	Total
Wheeler	579	574	1153
Cobb Cty	554	534	1088
Georgia	535	515	1050

AP Scores (Exam Scores from May 2018)	Total Exams	Average Score	% Passing
Music Theory	4	4.5	100%
English Language & Composition	140	3.63	88%
English Literature & Composition	44	2.84	66%
Human Geography	72	3.55	78%
Macroeconomics	34	4.06	88%
Microeconomics	33	4.09	94%
Psychology	53	3.39	77%
European History	15	2.87	60%
United States Government & Politics	35	3.91	97%
United States History	142	3.5	82%
World History	102	3.44	82%
Calculus AB	10	1.6	20%
Calculus BC	119	4.13	97%
Computer Science A	42	3.40	86%
Computer Science Principles	158	3.58	92%
Statistics	68	4.09	94%
Biology	51	3.82	90%
Chemistry	82	3.02	65%
Environmental Science	45	3.66	84%
Physics 1	113	2.29	38%
Physics 2	32	2.69	56%
Physics C: Electricity & Magnetism	21	3.14	62%
Physics C: Mechanics	50	3.68	84%
French Language & Culture	1	3.0	100%
Latin	3	1.33	0%
Spanish Language & Culture	9	4.78	100%
Total	1361	3.38	76.15%

College Attendance

Class of 2018

Art Institute of Atlanta	Miami University, Oxford
Atlanta Technical College	Mississippi State University
Auburn University	Morehouse College
Augusta University	New York Conservatory for Dramatic Arts
Baldwin Wallace University	North Metro Technical College
Boston University	Nova Southeastern
Brandeis University	Oglethorpe University
Brenau University	Oklahoma State University
Brigham Young University	Oral Roberts University
Brown University	Rice University
Chattahoochee Technical College	Saint John's University
Clark Atlanta University	Savannah College of Art and Design
Clayton State University	South Georgia State College
Clemson University	South Georgia Technical College
Coastal Georgia	Southern Crescent
Columbus State Community College	Southern University and A&M College
Columbus State University	Spelman College
Covenant College	State University of New York at Albany
The Creative Circus	Tennessee State University
Duke University	The Bernard and Anne Spitzer School of Architecture
East Georgia State College	The George Washington University
Fort Valley State University	Tulane University
Georgia College	Tuskegee University
Georgia Gwinnett College	United States Military Academy
Georgia Highlands College	University of Arizona
Georgia Institute of Technology	University of British Columbia
Georgia Military College	University of Dayton
Georgia Southern University	University of Florida
Georgia Southwestern	University of Georgia
Georgia State University	University of Kansas
Georgia State University Perimeter College	University of Montevallo
Howard University	University of North Carolina School of Arts
Huntingdon College	University of North Georgia
Indiana State University	University of Notre Dame
Indiana University at Bloomington	University of South Alabama
Iowa Western	University of South Carolina
Jacksonville State University	University of Southern Mississippi
Johns Hopkins University	University of Tennessee, Knoxville
Kennesaw State University	University of the Cumberland
Laguardia College	University of Virginia
Lee University	University of West Georgia
Lehigh University	University of Wisconsin Madison
Life University	Valdosta State University
Loyola Marymount University	Yale University
Massachusetts Institute of Technology	
Mercer University	

Scholarship Information

Class of 2018

- \$3,971,344 in total scholarships awarded (not including HOPE or Zell Miller Scholarships)
- 210 HOPE Scholarship eligible graduates

Post High School Plans

Class of 2018

- 55% 4 Year College
- 20% 2 Year College
- 10% Technical College
- 3% Military



The Center for Advanced Studies in Science, Math and Technology Magnet Program

Magnet Coordinator, Dr. Cheryl Crooks ♦ Program Advisor, Stacy Regitsky ♦ Counselor, Sumana Moudgal

- Founded in 2000, The Center for Advanced Studies offers a unique and advanced curriculum in science, math, and technology to Cobb County high school students and exists as a "school within a school".
- Admission into the Magnet program is highly competitive. Approximately 20 to 30 percent of applicants are accepted each year.
- Students are evaluated for admission based on standardized test scores, grades and teacher recommendations.
- There are currently 526 students in the program and 133 students in the Class of 2019. 60% Male, 40% Female
- Magnet students are required to take Magnet Biology and Magnet Chemistry in 9th grade, AP Physics I in 10th grade, two additional Magnet, AP or Post AP Science courses and Advanced Scientific Internship and Research.
- The Magnet Program has gained STEM Certification from the State of Georgia and Cobb County as well as STEAM Certification from the State of Georgia.
- Students must maintain a grade of 3.0 or higher in all Magnet Math and Science Classes in order to remain in good standing in the program. Students who do not meet this expectation are placed on academic probation and may subsequently be removed from this program if grades do not improve.

Magnet Internship & Research

Every graduating magnet senior is required to complete our Post AP Scientific Internship and Research courses which are taken together as a 3 hour pair. Students participate in an advanced internship with a mentor at an off-site research center or business. Students must spend a minimum of 100 hours at their internship site during the semester.

Throughout their internship, students are required to frame and execute independent research related to what is learned at their internship and create a documented, juried, in-depth research paper. The mentors help guide the students in the research process.

At the conclusion of this capstone experience, students prepare and deliver a comprehensive presentation to faculty, mentors, community members and peers.

Non-Magnet students can take these courses if they have met the pre-requisites and space is available.

STEM or STEAM Requirement

All students complete a Magnet STEM or STEAM track.

STEM track - 4 Magnet approved Technology classes
 STEAM track - 2 Magnet approved Technology courses
 and 2 Magnet approved Fine Arts courses

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Science	Magnet Biology & Magnet Chemistry	AP Physics 1 (Optional) AP Science Magnet Biochemistry Post AP Science	Can Choose 1 or 2: AP Science Genetics/BioTechnology Adv Physics/Robotics Aerospace Engineering Chemical Engineering Organic Chemistry GT Genetics	Advanced Scientific Internship & Advanced Scientific Research (Optional) AP Science Post AP Science
Math	Acc Algebra I/Geometry A &/or Acc Geometry B/ Algebra II or Honors Geometry & Honors Algebra II	Acc Pre-Calculus or Pre-Calculus	AP Statistics or AP Calculus AB & BC or Honors Calculus	Math Options: AP Statistics Honors Calculus AP Calculus AB & BC Honors Multivariable Advanced Math Topics GT Linear Algebra GT Multivariable
Social Studies	(Optional) Honors World Geography or AP Human Geography	Honors or AP World History	Honors or AP U.S. History	Honors or AP Economics & Government
English	Honors 9 th Lit	Honors World Lit	AP Language/Honors American Lit or Honors American Lit	AP Lit or Honors Brit Lit
Foreign Language	Foreign Language I or Honors Foreign Language II or III	Honors or AP Foreign Language Electives (Optional)	Honors or AP Foreign Language Electives (Optional)	Honors or AP Foreign Language Electives (Optional)
Technology & Fine Arts	Magnet Foundations/AP Computer Science Principles	Approved Technology or Fine Arts Course 1 &/or 2	Approved Technology or Fine Arts Course 2 &/or 3	Approved Technology or Fine Arts Course 2 &/or 3
Physical Education			Health/BPE	
Electives	Fine Arts, PE, Career Technology, Social Studies, English, Math, Science, or Foreign Language	Fine Arts, PE, Career Technology, Social Studies, English, Math, Science, or Foreign Language	Fine Arts, PE, Career Technology, Social Studies, English, Math, Science, or Foreign Language	Fine Arts, PE, Career Technology, Social Studies, English, Math, Science, or Foreign Language

AVID Program

Wheeler High School established its AVID Program in Fall 2017. AVID is a national program designed for students who have a desire to go to college and the willingness to work hard, but many of them do not truly have the opportunity to be college-ready. These are often the students who will be the first in their families to attend college and are from groups traditionally underrepresented in higher education.

AVID provides support to help these students succeed on a path to college and career success. AVID students take an AVID Elective course, which is reflected on their transcript. For one period a day, students receive the additional academic, social, and emotional support that will help them succeed in their school's most rigorous courses.

Wheeler currently has 67 students in the AVID Program. Below are the demographics for Wheeler's AVID Program:

Gender
 70% Female
 30% Male

Ethnicity
 49% African-American
 1.5% Asian
 40% Hispanic
 8% White
 1.5% Multi Racial