



Wheeler High School

Principal

Dr. Peter Giles

375 Holt Road Marietta, Georgia 30068

Main Office
770-578-3266
770-578-3268 Fax
www.wheelerhigh.com

Magnet
770-578-3286
770-578-3287 Fax
www.wheelermagnet.com

Counselors

9th Grade

Jasmine Cotson
Jasmine.Cotson@cobbk12.org

Magnet 9th-12th Grades

Sumana Moudgal
Sumana.Moudgal@cobbk12.org

10th-12th Grades

A-G - Jacquelyn Edwards
Jacquelyn.Edwards@cobbk12.org

H-N & ESOL - Kara Mills

Kara.Mills@cobbk12.org

O-Z - Dr. Jeanette Higgins

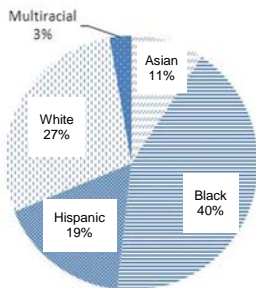
Jeanette.Higgins@cobbk12.org

CEEB & ETS Code: 112010

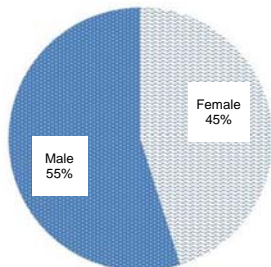
School Information

- Four year public high school located 19 miles northwest of Atlanta
- Total enrollment approximately 2,000
- One of 16 high schools in Cobb County School District
- A uniquely diverse student body made up of students from over 60 countries

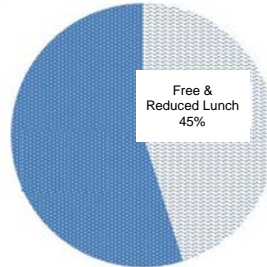
Ethnicity



Gender



Economically Disadvantaged



School Day

Four Block Classes per Semester
18 Weeks per Semester
Total School Year: 2 Semesters, 180 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

Senior Project

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

National Merit

45 Students in the Class of 2016 were awarded National Merit or National Achievement Recognition

National Competitions

Our students have received national recognition in many prestigious competitions. Since 2005 the list includes:

- 2 Siemens Westinghouse Science Competition Regional Finalists
- 6 Siemens Westinghouse Science Competition Semifinalists
- 6 Intel Science Talent Search Semifinalists
- 2 Young Epidemiology Scholars Competition Finalists



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.
- Admission into the Magnet program is highly competitive, and approximately 20 to 30 percent of applicants are accepted each year.
- Students are evaluated for admissions based on standardized test scores, grades and teacher recommendations.
- There are currently 439 students in the program and 100 students in the Class of 2016.
- The Center for Advanced Studies exists as a "school within a school". Magnet students are required to take a specific curriculum of Magnet Math and Science Courses in 9th and 10th grades. In 11th and 12th grades, Magnet students are able to choose from a variety of AP & Post AP Math and Science options.
- The Center is a member of the NCSSTMST, a Consortium of specialized schools whose primary purpose is to attract and academically prepare students for leadership in mathematics, science and technology.
- Students must maintain a grade of 2.0 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 Seal Requirements

Magnet Recognized Math & Science	10
Magnet Recognized Technology & Fine Arts	4
Advanced Scientific Internship & Research	2
AP Calculus or AP Statistics	1

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 70 hours at their internship site during the semester. Throughout their internship, they are required to compile a well documented, juried, in-depth research paper. At the conclusion of this capstone experience, students prepare and deliver a comprehensive presentation to faculty, mentors and peers.

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

Grading System & Rank

Class Rank

Class rank is cumulative for four years and weighted according to the level of the curriculum. All classes 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 2016

436 Students

Highest Weighted GPA	4.74
Lowest Weighted GPA	0.894
Average Weighted GPA	3.165
Highest Un-weighted GPA	4.0
Lowest Un-weighted GPA	0.894
Average Un-weighted GPA	2.982

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 Algebra/Analytic Geometry A	3rd year Honors Foreign Language
Accelerated CCGPS Analytic Geometry B/Advanced Algebra	4th year or higher Honors Foreign Language**
Accelerated CCGPS Precalculus	

**No bonus quality point awarded*

***One bonus quality point awarded*

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 Computer Science A
AP Physics 1 & 2	AP Micro/Macro Econ
AP Physics C	AP Spanish Language
AP Environmental Science	AP French Language
AP Psychology	AP Latin: Vergil
AP English Lit/Composition	AP Studio Art: 2D, 3D & Drawing
AP English Lang/Composition	AP Music Theory
AP Computer Science Principles	AP Art History
AP European History	

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..

Post AP Courses

Require at least one AP course as a prerequisite
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

College Level Courses

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

Linear Algebra
Multivariable Calculus



Facts & Figures

Class of 2016 ACT

	Eng	Math	Read	Science	Composite
Wheeler	23.9	23.6	24.5	23.9	24.1
Georgia	20.7	20.6	21.8	21	21.1
Nation	20.1	20.6	21.3	20.8	20.8

Class of 2016 SAT

	Math	Crt Rdg	Wrtg	Total
Wheeler	558	547	530	1635
Cobb Cty	513	514	493	1520
Georgia	490	493	476	1459

AP Scores

(Exam Scores from May 2016)

	Total Exams	Average Score	% Passing
Art History	1	5.0	100%
Studio Art 2-D	2	3.0	100%
Studio Art Drawing	1	3.0	100%
Music Theory	7	3.57	71%
English Language & Composition	84	3.58	83%
English Literature & Composition	48	2.63	54%
Human Geography	69	3.62	83%
Macroeconomics	35	4.03	91%
Microeconomics	33	4.03	97%
Psychology	74	3.08	63%
European History	1	5.0	100%
Comparative Government & Politics	1	5.0	100%
United States Government & Politics	42	3.76	90%
United States History	100	3.21	74%
World History	79	3.08	67%
Calculus AB	8	1.50	13%
Calculus BC	96	4.19	96%
Computer Science A	23	2.52	57%
Statistics	42	3.62	86%
Biology	52	3.56	88%
Chemistry	44	3.18	77%
Environmental Science	39	3.41	74%
Physics 1	85	2.52	49%
Physics 2	17	3.29	88%
Physics C: Mechanics	20	3.50	80%
Chinese	2	5.0	100%
French Language & Culture	1	5.0	100%
German	1	4.0	100%
Spanish Language	20	3.90	100%
Total	1025	3.51	78%

College Attendance

Class of 2016

Albany State	Lehigh University
Appalachian State	Louisiana State University
Armstrong State	Mary Baldwin College
Auburn University	Mercer University
Augusta University	Middle Georgia College
Berry College	Mississippi State University
Chattahoochee Tech	Massachusetts Institute of Technology
Charleston Southern University	Morehouse College
Clark Atlanta University	Oglethorpe University
Clemson University	Ottawa University
College of Charleston	Purdue University
Columbus State University	Savannah College of Art and Design
Cornell University	Shorter University
Delgado Community college	Southern Adventist University
Emory University	Stanford University
Emory - Oxford College	Tennessee State University
Florida State University	United States Naval Academy
Florida A and M University	University of Alabama
Florida International University	University of Alabama in Huntsville
Florida Polytechnic University	University of California at Berkeley
Furman University	University of Florida
Georgia College and State University	University of Georgia
Georgia Highlands College	University of North Georgia
Georgia Institute of Technology	The University of the South
Georgia Perimeter College	University of Southern California
Georgia Southern University	University of Southern Mississippi
Georgia State University	University of Texas
Harvard University	University of West Georgia
Johns Hopkins University	Virginia Tech
Johnson and Wales of Charlotte	Wheelock College
Kennesaw State University	Yale University

Scholarship Information

Class of 2016

- \$3,724,936 overall in scholarships NOT including HOPE / Zell Miller
- One student earned \$228,300 in many different scholarship offers
- 212 recipients of HOPE / Zell Scholarships
- One senior was awarded the Gates Millennium Scholarship which values over \$150,000 including undergraduate and graduate studies
- Two seniors were awarded scholarships worth over \$300,000 from the US Naval Academy that can also include graduate studies.

Post High School Plans

Class of 2016

- 60% attend a Four Year College
- 23% attend a Two Year College
- 1% join the Military



