George Washington Carver High School of Engineering and Science (Carver E&S) is a magnet school, grades 7-12, striving to attract academically talented, college-bound students from diverse backgrounds. Carver E&S is a part of The School District of Philadelphia. We are committed to providing a rigorous curriculum with a focus in STEM areas enriched by related extra-curricular opportunities.

Carver E&S is consistently ranked as a top school in Philadelphia based on city and state rankings. In 2019, Carver E&S was awarded as a National Blue Ribbon School of Excellence by the U.S. Department of Education. We are annually recognized by the US News and World Report as a "Top High School."

Located in the backyard of Temple University, our campus features two Engineering labs, 3 computer science labs, including equipment for a comprehensive Digital Editing program, and a dynamic library space. Many students describe our school as a "happy" place with a positive and challenging learning community.

STUDENT BODY

We receive over 2,000 applications per year for 200 9th grade seats and 60 7th grade seats. Our admissions criteria requires:

1. A grade point average of 3.0 or higher on a 4.0 scale.
2. Completion of the following courses: 4 years of English, 3 years of Math, 2 years of Science, 2 years of Social Studies, 2 years of an Arts course, and 1 year of Physical Education.
3. Participation in extracurricular activities is strongly encouraged.

Our student body of 950 students spans the city of Philadelphia, representing 45 zip codes. Our school was founded 40 years ago, and our current enrollment reflects a diverse student body.

We are annually recognized by the US News and World Report as a "Top High School."

ACADEMIC PROGRAM

Carver E&S offers a rigorous curriculum with particular emphasis on the sciences, technology, engineering, and mathematics. Beginning with the Class of 2020, we no longer publish class rank. Our faculty of dedicated professionals includes 75% with more than 10 years experience and 89% with advanced degrees.

Graduation requirements:
- 4 credits English
- 4 credits Social Studies
- 7 combined credits of Math and Science
- 2 credits of foreign language
- 2 credits of Arts & Humanities
- 1.5 credits of PE & Health

Minimum passing grade is a 60. Honors courses include a 1.15 GPA multiplier and AP courses include a 1.2 GPA multiplier.

Course Selection: Our curriculum features 11 Honors courses and 18 AP Courses. Students request higher level courses and are approved by faculty based on past performance and, in some cases, a prerequisite course. Qualified students are never turned away from an honors or AP course.

AP Course Offerings:
- Science: Biology, Chemistry, Environmental Science, Physics A
- Math: Calculus AB, Calculus BC, Statistics
- English: English Literature, Seminar, Research
- Computer Science: Computer Science A, Computer Science Principles

STEM Pathways, with aligned electives, in Engineering, Bio-Medical and Computer Science.

COLLEGE ACCEPTANCE

One hundred percent of our seniors apply to, and are accepted at a college or university. A recent study by the National Clearinghouse indicates that a majority of E&S graduates achieve a college degree within six years.

Recent College Acceptances
- Arcadia University
- Boston College
- Carnegie Mellon
- Clarkson University
- Columbia University
- Cornell University
- Dartmouth State University
- Drew University
- Duke University
- Georgia Institute of Technology
- Gettysburg College
- Hampton University
- Harvard University
- Haverford College
- Howard University
- Johns Hopkins University
- LaSalle University
- Lehigh University
- McGill University
- Morehouse College
- Pennsylvania State University
- Princeton University
- Purdue University
- Reneselaer Institute of Technology
- Rochester Institute of Technology
- Rowan University
- Rutgers University
- Spelman College
- St. Joseph’s University
- St. John’s University
- Stanford University
- Susquehanna University
- Swarthmore College
- Temple University
- Thomas Jefferson University
- Tuskegee University
- Widener University

CULTURE OF EXCELLENCE

College & Career Readiness
- University partnerships: University of Pennsylvania, University of the Sciences, West Chester University and Drexel University of Philadelphia, Lehigh University Temple University, and Community College
- Partnerships: NAVSEA, NAVY, Army Corps of Engineers, YATE (Young Ambassadors Technology Exchange), Temple University - Colleges of Science & Technology and Engineering, St. Christopher’s Hospital, South protesters Scholars, Squashmarts, Big Brothers / Big Sisters, Philadelphia Futures, WHYY Media and Communications Programming, Philadelphia Writing Project, Solar States, Mad Beatz Philly, TEACH (SAT Prep), SpeakUpl! Inner Strength Foundation
- Carver STEM Mentorship Program: Lockheed Martin, JBCI Engineering Consultants, COMTO (Conference of Minority Transportation Officials), and IPS (Integrated Project Services)

Scholarships
- Annual College Day: 75 colleges and universities at E&S and 20 University Visits

Award Winning Teams (2016-Present)
- Sea Perch in Baton Rouge, LA
- Quiz Bowl in Atlanta, GA
- ACE Design Competition in Washington DC
- FIRST Robotics, State Qualifier
- Marshall-Brennan Moot Court Competition, Boston MA
- Regional Technology Student Association, CAD Design & Robotics, Seven Springs, PA
- Science Fair Regional Award Winners
- Cheerleading Five-time State Qualifiers
- Girls Basketball Division Champions
- Philadelphia School Journalism Award

“Education is the key to unlock the golden door of freedom.”
George Washington Carver