

Baltimore County Public Schools



Mrs. Verletta White, Interim Superintendent

Dr. Nardos King, Executive Director, Zone 4

Mr. Douglas Handy, Director, Career and Technology Education & Fine Arts

Mr. Michael Weglein, Principal, Sollers Point Technical High

TEAM BCPS

- 25th largest school district in U.S.; 3rd largest in Maryland
- \$1.84 billion budget, FY18
- 173 schools, programs, and centers
- 18,572 employees including 9,076 teachers
- 112,139 students



System Highlights

- 23 Blue Ribbon Schools
- 89.2% graduation rate
- 87.5% SAT participation for 11th grade students
- 15,409 students enrolled in CTE courses
- 49.7% of high school students participate in CTE courses
- 25% of graduates are CTE completers
- 74% dual completion (Univ. of MD System of College + CTE completer)



CAREER & TECHNOLOGY EDUCATION



WHAT IS CTE?

DISCOVER YOUR OPPORTUNITIES

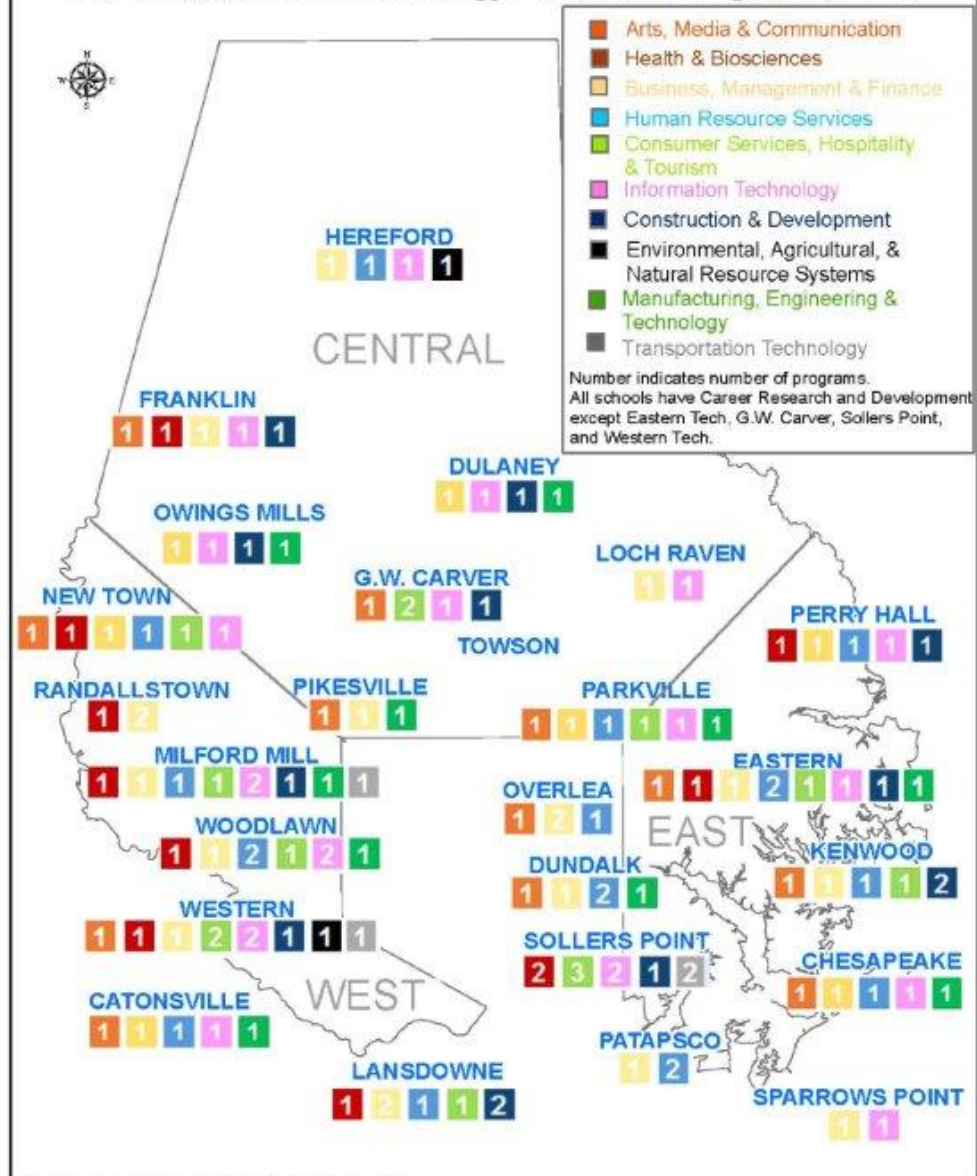
Today, high school students face many options for academic growth and career preparation. Making informed choices about their high school program of study will prepare students for success in further education and preparation for rewarding careers.

The Baltimore County Public Schools (BCPS) Career and Technology Education (CTE) programs provide students with relevant career skills preparation and rigorous academic course work. Our state-approved programs of study are designed to prepare students for the 21st century global economy and its rapidly changing workforce needs.

Relevant Career Skills | Rigorous Academics | Globally Competitive Students

<http://www.bcps.org/bcpstv/video.html?Program=SPC&VideoID=902>

BCPS Career and Technology Education Programs, FY 17



Source: Office of Career and Technology Education
 Prepared by the Baltimore County Public Schools
 Office of Strategic Planning, April 3, 2017

High School Options



- NEIGHBORHOOD SCHOOL (ZONED)
 - CTE PROGRAMS IN ALL HIGH SCHOOLS
- MAGNET SCHOOL
 - CTE PROGRAMS
 - NON-CTE PROGRAMS

High School Completer Pathways

- General Program: Academic/USM Completer
 - Includes 2 years of the same World Language taken in high school
 - Meets University System of MD admissions requirements, but does not guarantee admission
- CTE Completer
 - Includes a sequence of courses in a CTE program providing a minimum of four credits in a specific career pathway
 - Leads to industry-recognized credentials and/or college credits
- Dual Completer = Academic Completer + CTE Completer = College and Career Ready

CTE Benefits

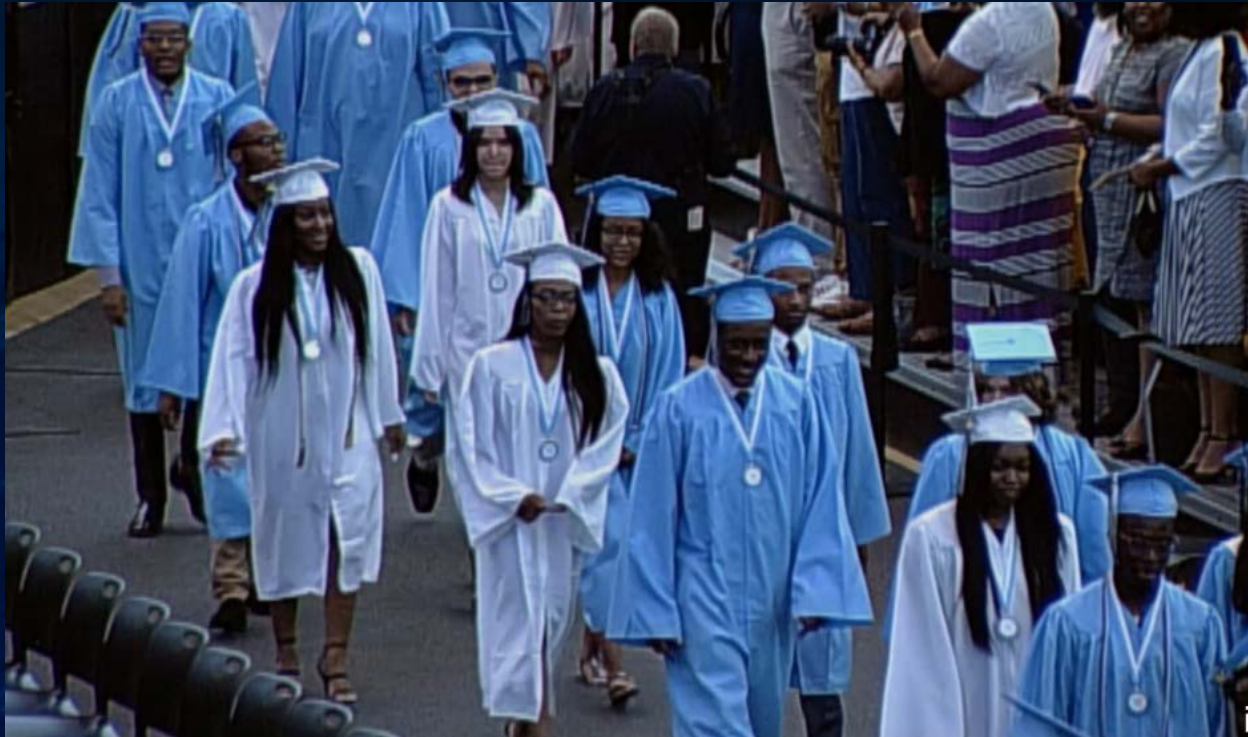
- Contextual, experiential learning
- CTE program concentration
 - Become an “expert” in the field
- Access to trained professionals
- Informed post-secondary decision-making
- Industry-recognized credential options include:
 - Certified Nursing Asst. (Acad. of Health Professions)
 - Cisco Certified Network Assoc. (IT Networking)
 - Adobe Certified Associate (Interactive Media Prod.)
 - Praxis Core (Teacher Academy)

CTE Benefits (Continued)

- Experience programs aligned to MD workforce needs
 - High-wage, high-skilled careers
- Apply academic skills to real-world problems, projects, and settings
- Learn technical skills and employability/soft skills
- Earn credits to CCBC and some four-year colleges and universities
- Career & Technology Student Organizations

Western School of Technology

Catonsville, MD 21228



Mission & Vision

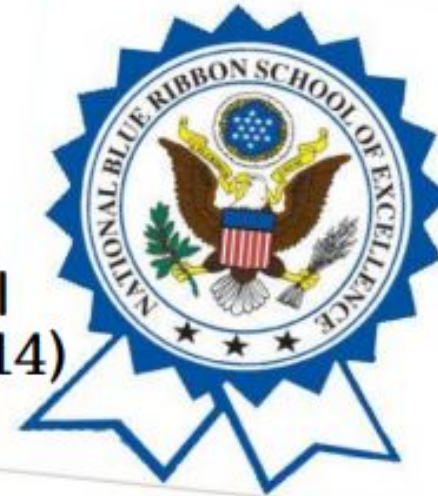
- Our mission is to provide students with challenging academic courses, cutting-edge technological career programs, and experiential environmental science programs to achieve success in higher education and the workplace.

Our vision is that all Western Tech graduates will have the knowledge and skills to actively participate and contribute in a global society.



Accolades

- Ranked 5th in BCPS and 16th in the State of Maryland, Silver Medal Status, according to U.S. News and World Report (April 2017)
- Named in “America’s Most Challenging High Schools” by The Washington Post (April 2017)
- Designated Maryland Blue Ribbon School (2013) and National Blue Ribbon School (2014)



Magnet Programs

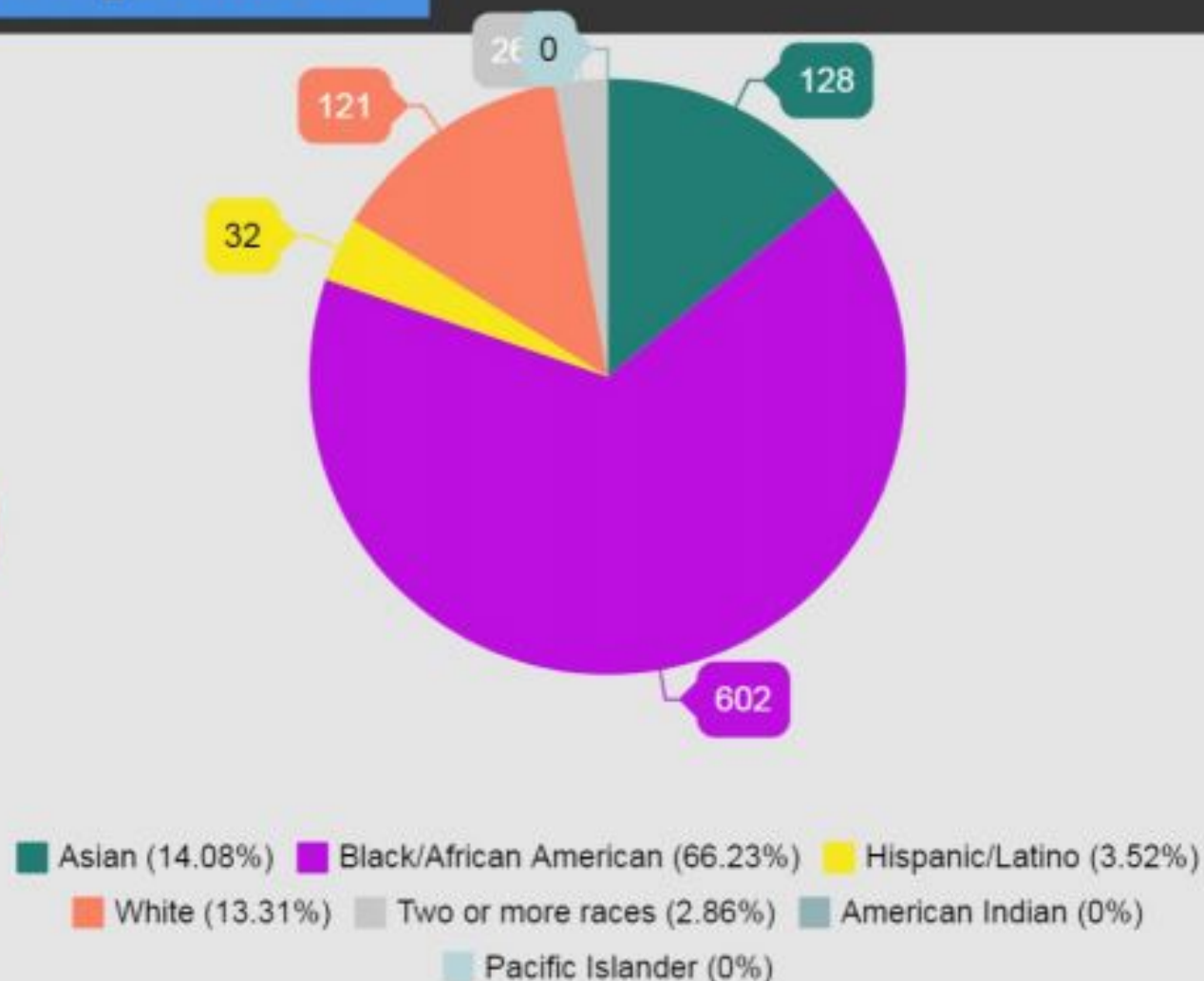
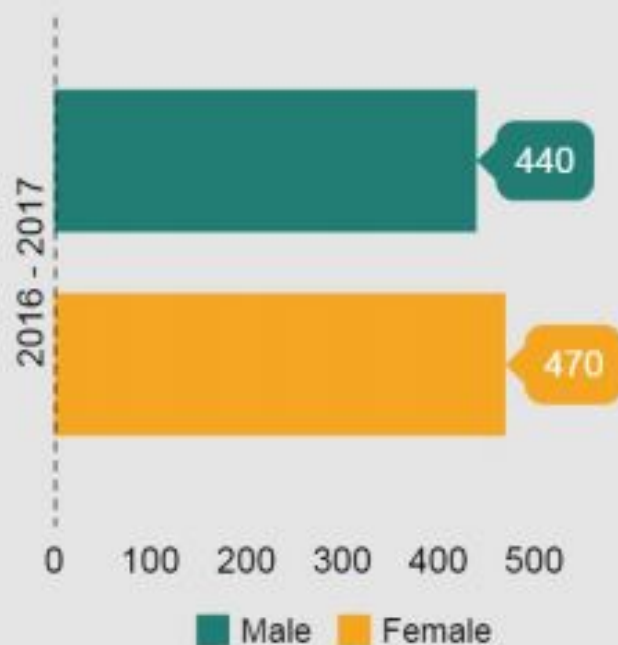
Mechanical Construction/Plumbing
Automotive Service Technology
Sports Science Academy
Cosmetology
Culinary Arts & Restaurant Management

Environmental Science
Environmental Technology
Graphic Print Communications
Academy of Health Professionals
Information Technology:
Networking
Programming



School Demographics

Based on 2016-2017 data



SAT Day

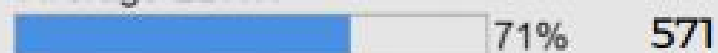
of Students Testing



Average Total



Average EBRW



Average Math



% of Total Earning >1000



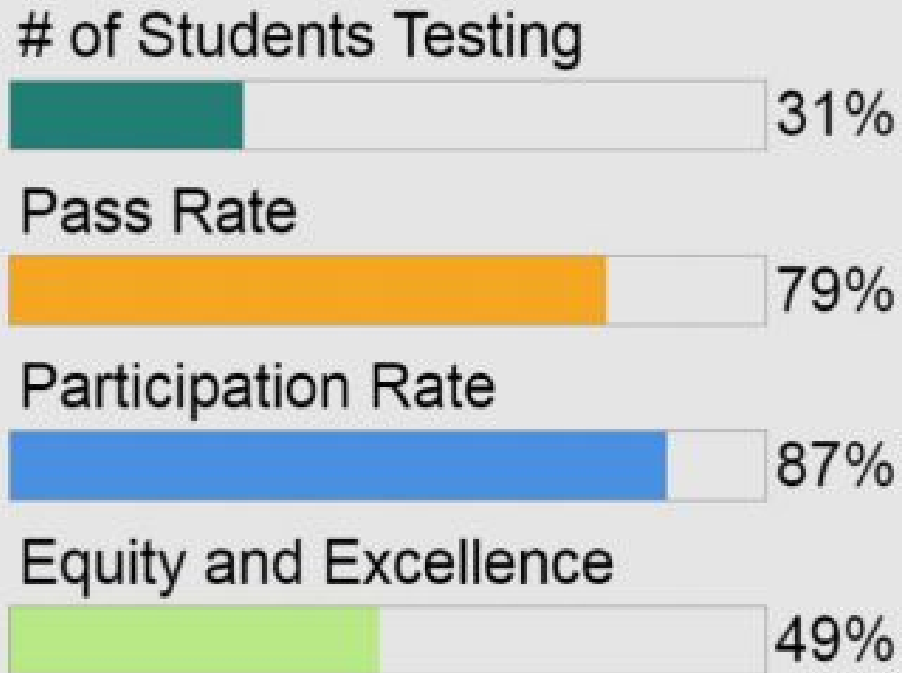
% Earning >500 on EBRW



% Earning >500 on Math



Advanced Placement



Senior Options

2016-2017 Data

Seniors with
Dual Enrollment

27%
of Seniors

Seniors participating
in Internship

32%
of Seniors

Sollers Point Technical High

Dundalk, MD 21222



A graphic of a laptop with a blue screen. The screen displays the text 'Sollers Point' in a white, hand-drawn, chalk-like font. To the right of this text is a black oval containing the text '51 years of service' in white. A red banner with the word 'Technical' in white, hand-drawn font is positioned across the middle of the laptop screen.

Sollers Point

51
years of
service

Technical



Sollers Point will provide authentic and rigorous instruction daily in order to develop students who are career and college ready.

Every Sollers Point Technical high school student will complete a career and technical program and earn an industry certification or license.

Sollers Point Technical High School



Principal:
Michael Weglein

Highlights

11 Technical Programs

Academy of Health
Professions
Biomedical Science
Cosmetology
Culinary Arts
Baking & Pastry
Automotive Service
Technology
Diesel Truck and Power
Systems
Construction
IT: Networking
IT: Programming
Engineering

- Over 2/3 of our students earn an industry certification
- LEED Certified
- 96% of courses taught by highly qualified teachers
- Active *SKILLS USA* Chapter with a State Officer in our ranks
- ProStart Culinary State Champions in 2015 placing at the National Level

Our Story

Sollers Point Technical High School has a long history in the Dundalk community. We have maintained a vision to provide students with a technical education and industry certification to prepare them for a future career or college since 1966.

The Dundalk/Sollers complex opened in 2013 and has become a pillar of the community. The purposeful design is ideal for our diverse classes. Interestingly, it is as long as an air craft carrier which allows us to house a world-class culinary kitchen, a state of the art automotive and diesel shop as well as many other high-tech learning spaces in the same facility.

Our intentional location creates a partnership with CCBC Dundalk. Having adjacent campuses provides opportunities for our students to further their formal education once they have completed their technical program.

Sollers Point Tech is unique within the Baltimore County Public Schools. We are the only half-day school, where students attend for their technical program and supportive STEM courses. Students take their additional required graduation courses (English, History, World Language, etc.) at their zoned school.

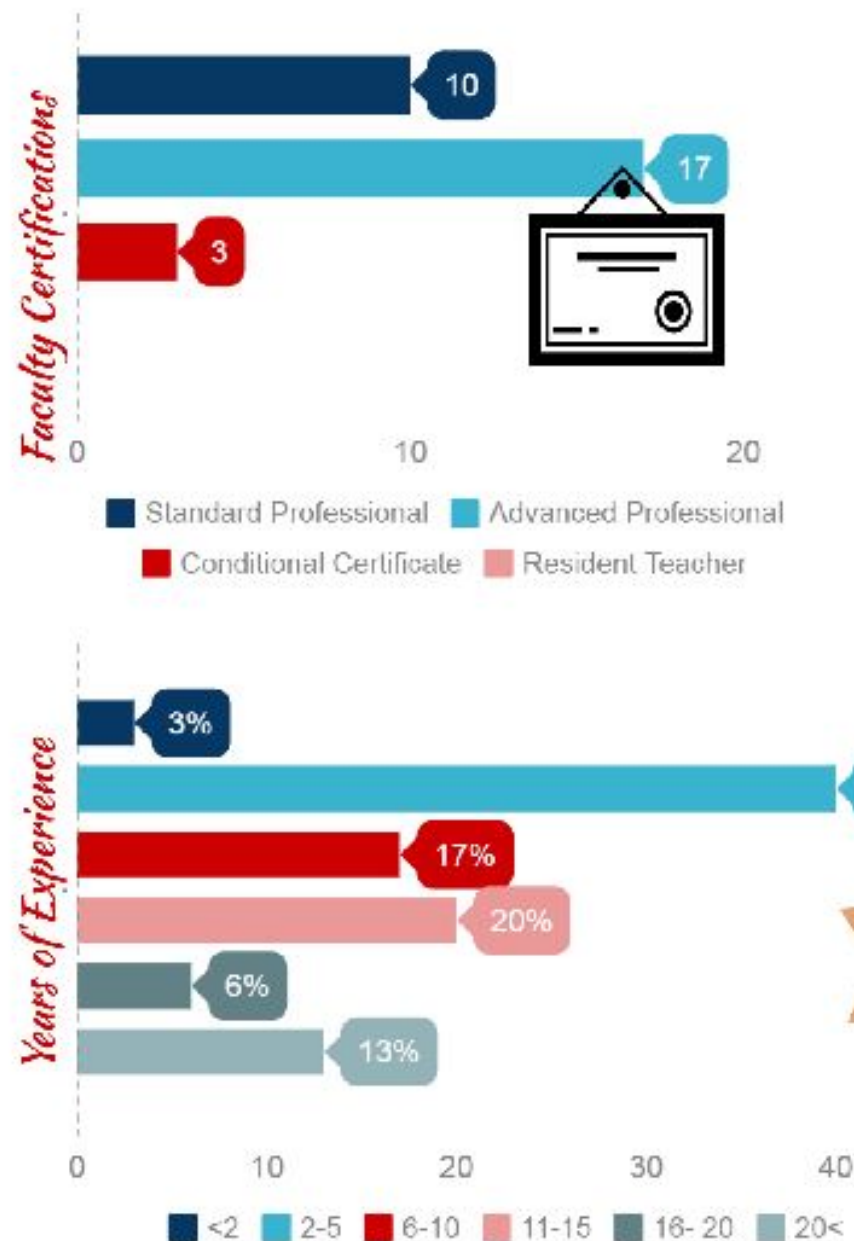
We take pride in providing opportunities for students to earn industry certification, internships, career work experiences, and related college course work.

Our students love this school. BCPS Stakeholder Survey reflects that students feel academically challenged and safe at Sollers Point Tech. There is a strong sense of belonging with our students who enjoy coming here every day.

1901 Delvale Ave Dundalk, MD 21222 | 443-809-7075

Faculty Demographics

Certifications & Experience



96% Highly Qualified

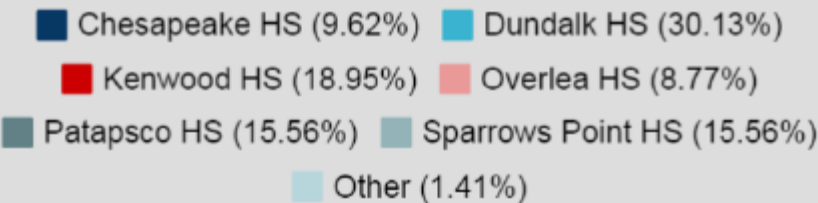
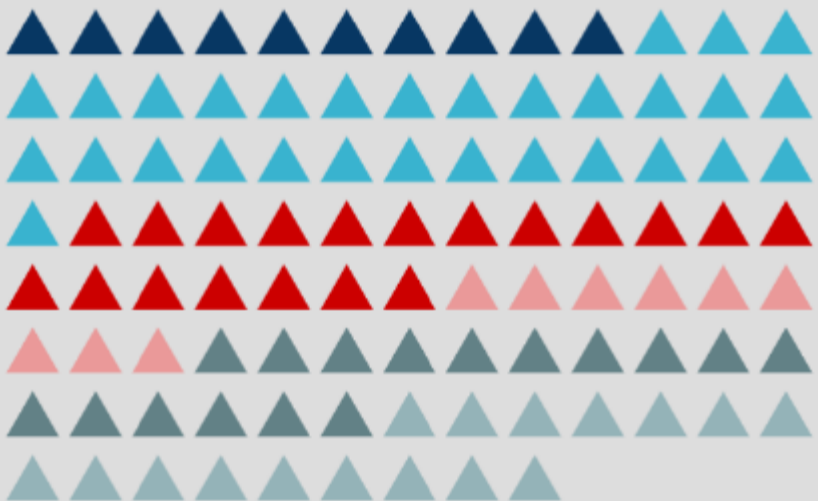


30 Instructional Staff

Sollers Point Technical High

School Demographics

MAGNET PARTNERS



Average Class Size

15



Students with Services

6.1%



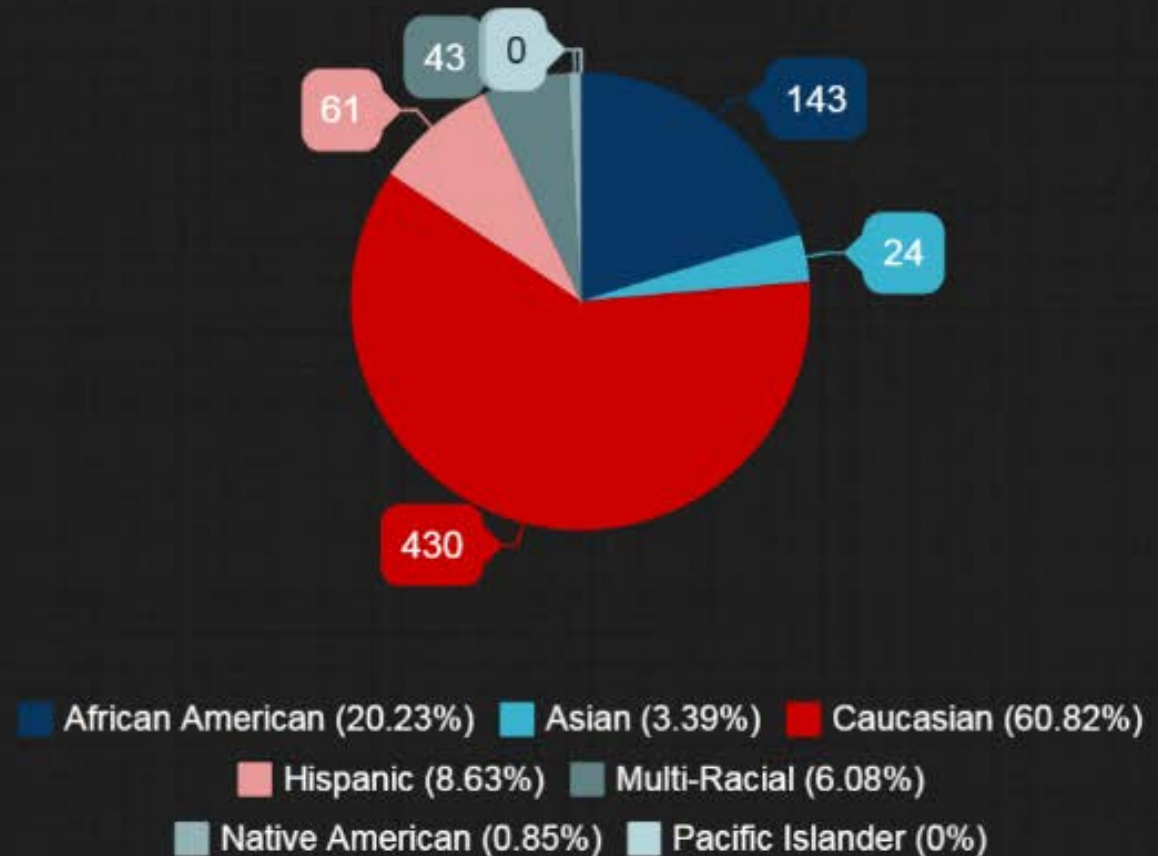
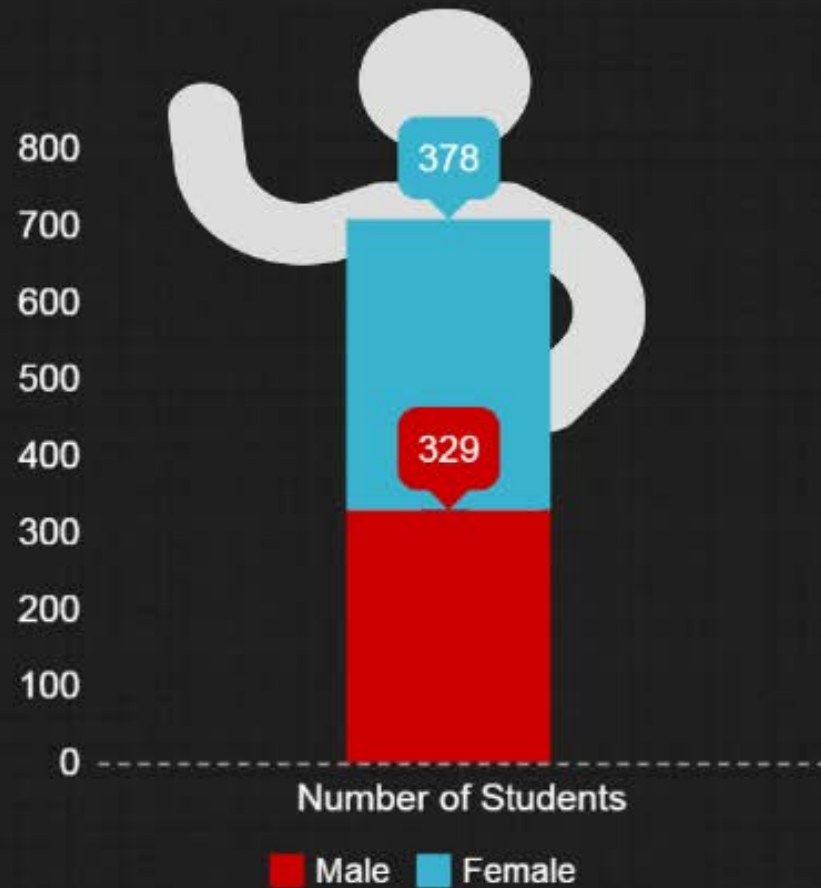
Student to Computer Ratio

1:0.8



Sollers Point Technical High

2017 - 2018 DIVERSITY POPULATION



Preparing today's students for tomorrow's world

Sollers Point Technical High



707 Students

■ AM Session (43.71%) ■ PM Session (39.04%) ■ Senior Options (17.26%)

Automotive Service Technology

31% Acceptance Rate

Diesel Truck and Power Systems

32% Acceptance Rate

Construction Management

42% Acceptance Rate

Information Tech: Networking

38% Acceptance Rate

Information Tech: Programming

33% Acceptance Rate

Academy of Health Professions

26% Acceptance Rate

Biomedical Science

27% Acceptance Rate

Baking and Pastry

21% Acceptance Rate

Culinary Arts

17% Acceptance Rate

Cosmetology

21% Acceptance Rate



Rectangular Snip

* Acceptance Rate is calculated using the number of applicants from 2016-17

Industry Certifications

66%

TOTAL

*Students Earned
Certifications*

Academy of Health

CNA License

76%

Automotive Service

ASE
Certificates

41%

Baking & Pastry

ServSafe

88%

Construction

NCCER

88%

Computer Science

AP Computer
Science Exam

28%

Cosmetology

State Board
License

83%

Culinary Arts

ServSafe
Prostart

73%

Diesel Technology

ASE
Certificates

59%

Biomedical Science

End of Course
Exam

78%

Info. Tech - Cisco

Comp TIA:
IT Fundamentals
A+ (220 - 802)

30%

Senior Options



*87% of Seniors Continue
their education with Sollers*



Cosmetology
8%

Parallel/Dual
Enrollment
24%

Work Study/
Internship
48%

Senior
Exemption
7%

Next Steps

- Recruitment

- We believe that our state universities should partner with the Maryland State Board of Education (MSDE) to address CTE staffing needs.

- Retention & Certification

- We believe that CTE teachers who are career changers should be given more time to earn initial teacher certification including passing the PRAXIS Core.

Questions & Answers