



Baltimore County Public Schools

# College and Career Readiness

*Every child has a future.*





# Every Child has a Future

## Board Goal



*Ensuring all students are enrolled in courses that adequately prepare them to be career and college ready upon graduation.*



# Strategic Plan Alignment

## The Compass: Our Pathway to Excellence



Learning, Accountability,  
and Results



Safe and Supportive  
Environment



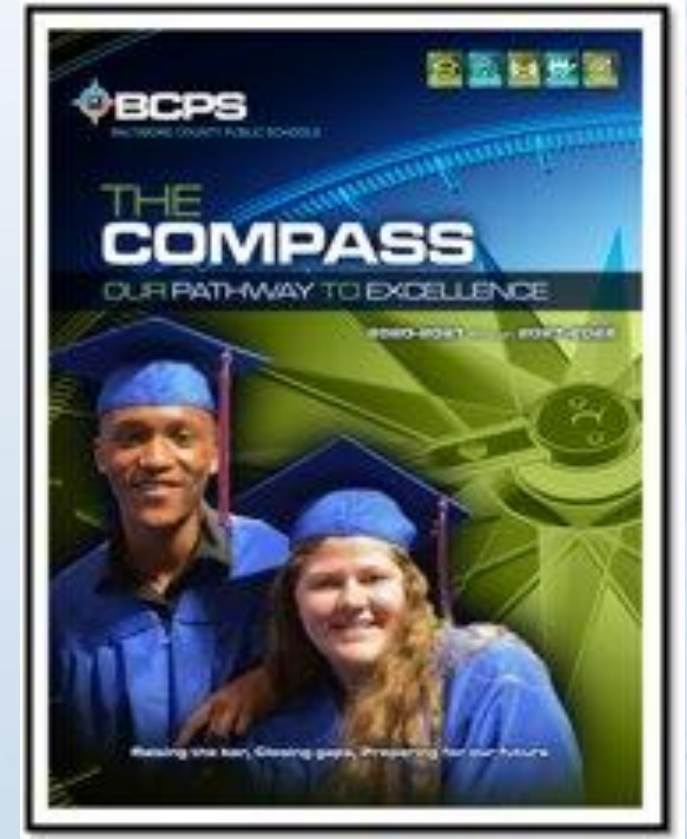
High Performing Workforce  
and Alignment of Human Capital



Community Engagement  
and Partnerships



Operational Excellence







# Blueprint for Maryland's Future

## Blueprint for Maryland's Future Establishes Post College and Career Readiness Pathways



Beginning in the 2023-2024 school year, school systems shall provide all students who meet College and Career Ready Standards access to the following post college and career readiness pathways at no cost to students

Competitive Entry College Preparatory Programs	Early College or Dual Enrollment Programs	Career and Technical Education Programs
<ul style="list-style-type: none"><li>• The International Baccalaureate (IB) Diploma Program,</li><li>• The Cambridge AICE Diploma Program, or</li><li>• A comparable program consisting of Advanced Placement courses</li></ul>	<p>Students can earn</p> <ul style="list-style-type: none"><li>• An associate degree or</li><li>• At least 60 credits toward a bachelor's degree</li></ul>	<ul style="list-style-type: none"><li>• A credit or noncredit certificate or license program, course, or sequence of courses that leads to an industry recognized occupational credential or postsecondary certificate</li><li>• A registered or youth apprenticeship program</li></ul>



# College and Career Readiness in BCPS

**Over 50**

Dual Credit  
courses offered

**74%** CTE  
technical skill  
assessment  
achievement  
rate

**16,000**  
AP Tests Taken

**\$36,000,000**  
Scholarships for  
AVID Seniors

**Over 1,000**  
students in dual  
enrollment each  
semester

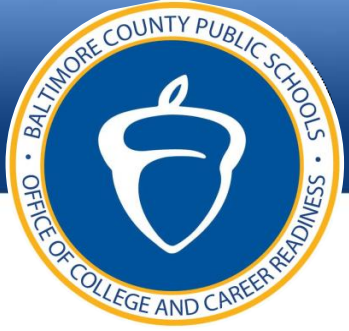
**51.50%**  
participation in CTE in  
High School

**106**  
mentoring  
programs

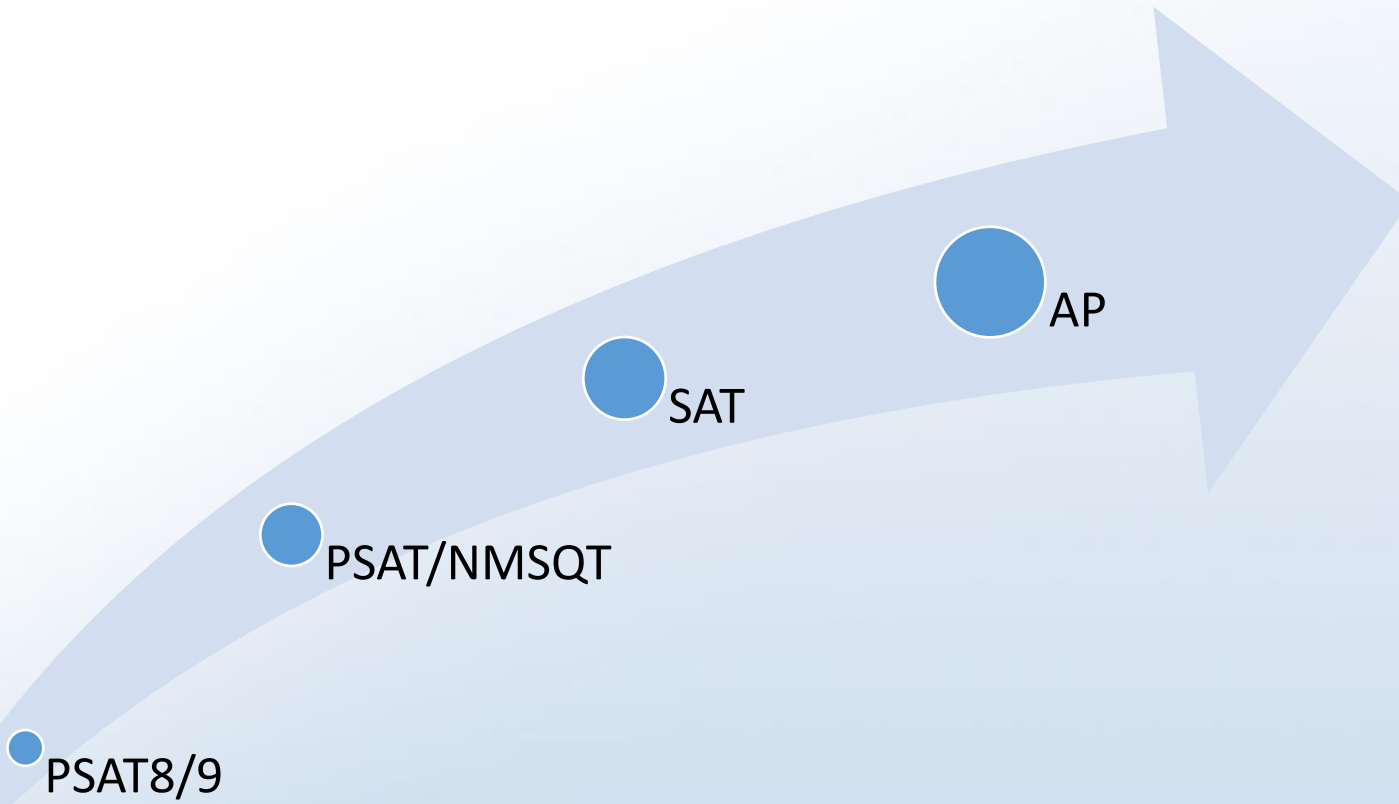
**17,382**  
students in  
CTE Programs

**20,556**  
PSATs administered  
at no cost

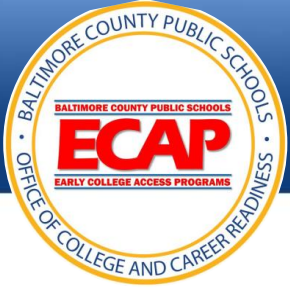
Nearly **40**  
CTE Programs  
of Study



# ECAP: College Board Partnership







# ECAP: Dual Enrollment



BCPS students enrolled at CCBC receive a 50% Tuition Reduction.

Qualifying students may take up to 4 courses Tuition Free.

There are 50+ Dual Credit Courses available.



BCPS AND CCBC  
**EARLY COLLEGE PROGRAM**  
@ WOODLAWN HIGH SCHOOL  
**STUDY LIKE A WARRIOR. SOAR LIKE A CARDINAL.**

# ECP @ Woodlawn High

## Students who graduated with an AA Degree Spring 2021

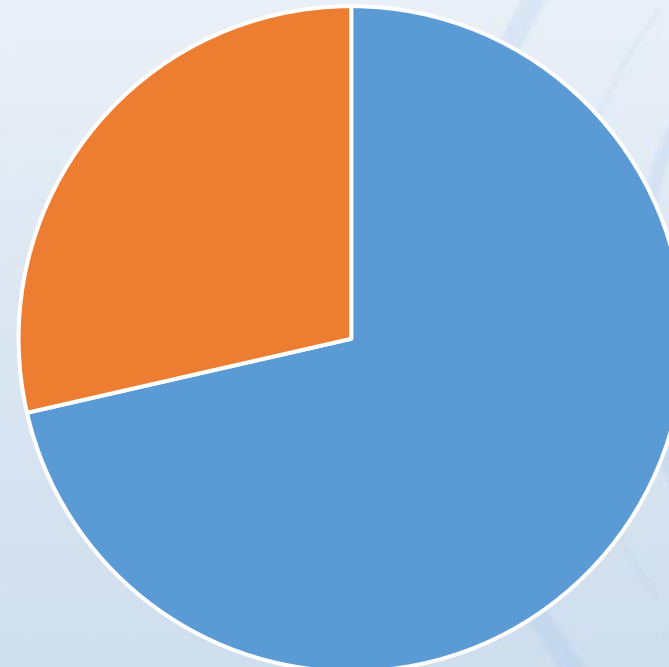


By Race



■ African American ■ Hispanic/Latino

By Gender



■ Female ■ Male





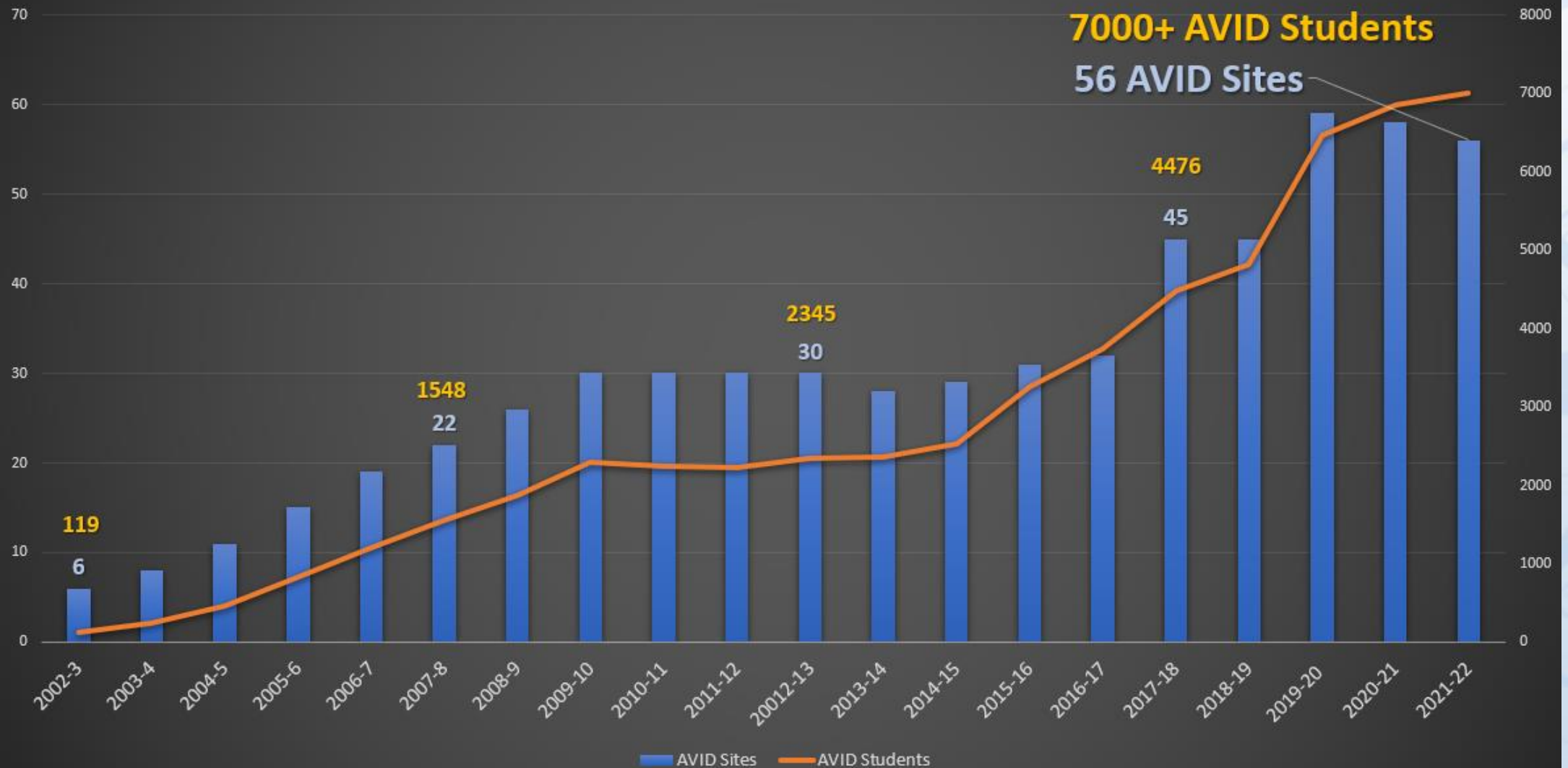
# Mentor Programs





# Advancement Via Individual Determination (AVID)

## AVID in BCPS 2002 - 2021







# Kenwood High School Students



## College and Career Ready

- Advanced Placement
- International Baccalaureate Program
- Sports Science Academy
- Feeder School Communication & Articulation
- AVID
  - Class of 2019 – \$3.6 million in scholarships
  - Class of 2020 – \$3 million in scholarships
  - Class of 2021 – \$3.4 mill in scholarships
- Mentoring
- Student/school counselor planning
  - Naviance & 6 year planning

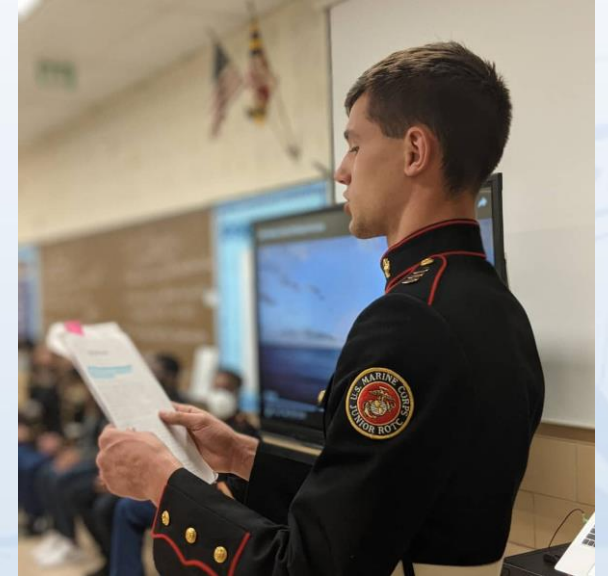






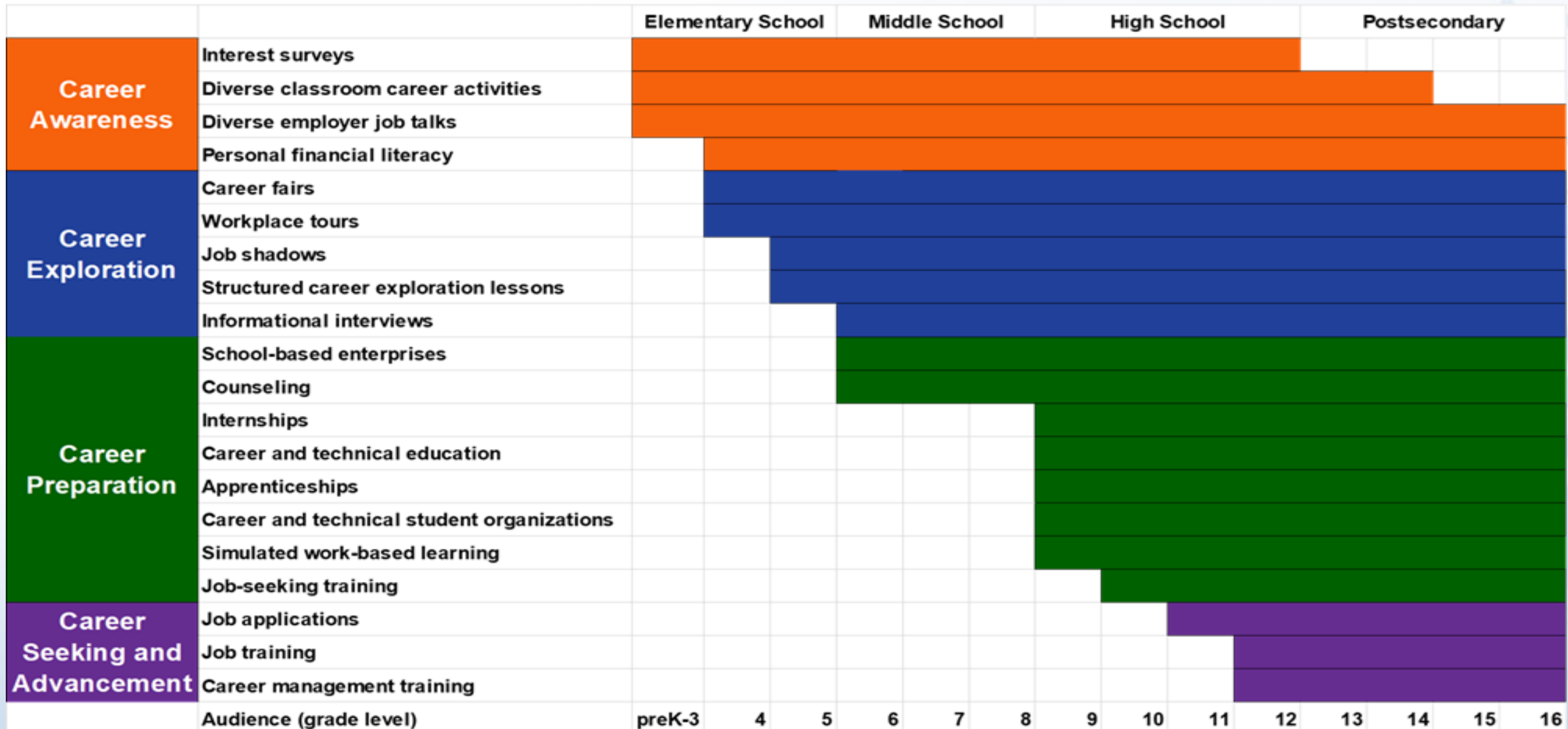
# Career and Technical Education

## How Does CTE Connect to CCR





# K-12+ Career Exposure





# Not Just About Career Placement

- Vocational foundation, Career and Technical Education aligned.
  - Industry Credentials
  - Dual/Articulated Credit
- Career and Technical Education Offers
  - Alignment to high-skill; high-wage; in-demand careers
  - Employability Skills
    - Leveraging PLTW Engineering to be a Lawyer
  - Disciplinary Literacy
    - Reading - authentic/technical texts
    - Mathematics – Pythagoras theorem, measuring, calculating

LITERACY

## Literacy Skills in Career and Technical Education Classes

CTE classes are a great place for literacy lessons as students are presented with authentic texts like technical manuals, computer programs, and blueprints.

By [Patricia Hilliard](#)

November 23, 2016



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# BCPS Today

- Increased from 11,000 since 2014
- Nearly 1,300 internships each year
- Youth Apprenticeships are growing to align to Blueprint for Maryland's Future



Students in CTE Courses



17,382

Percent of Students in CTE



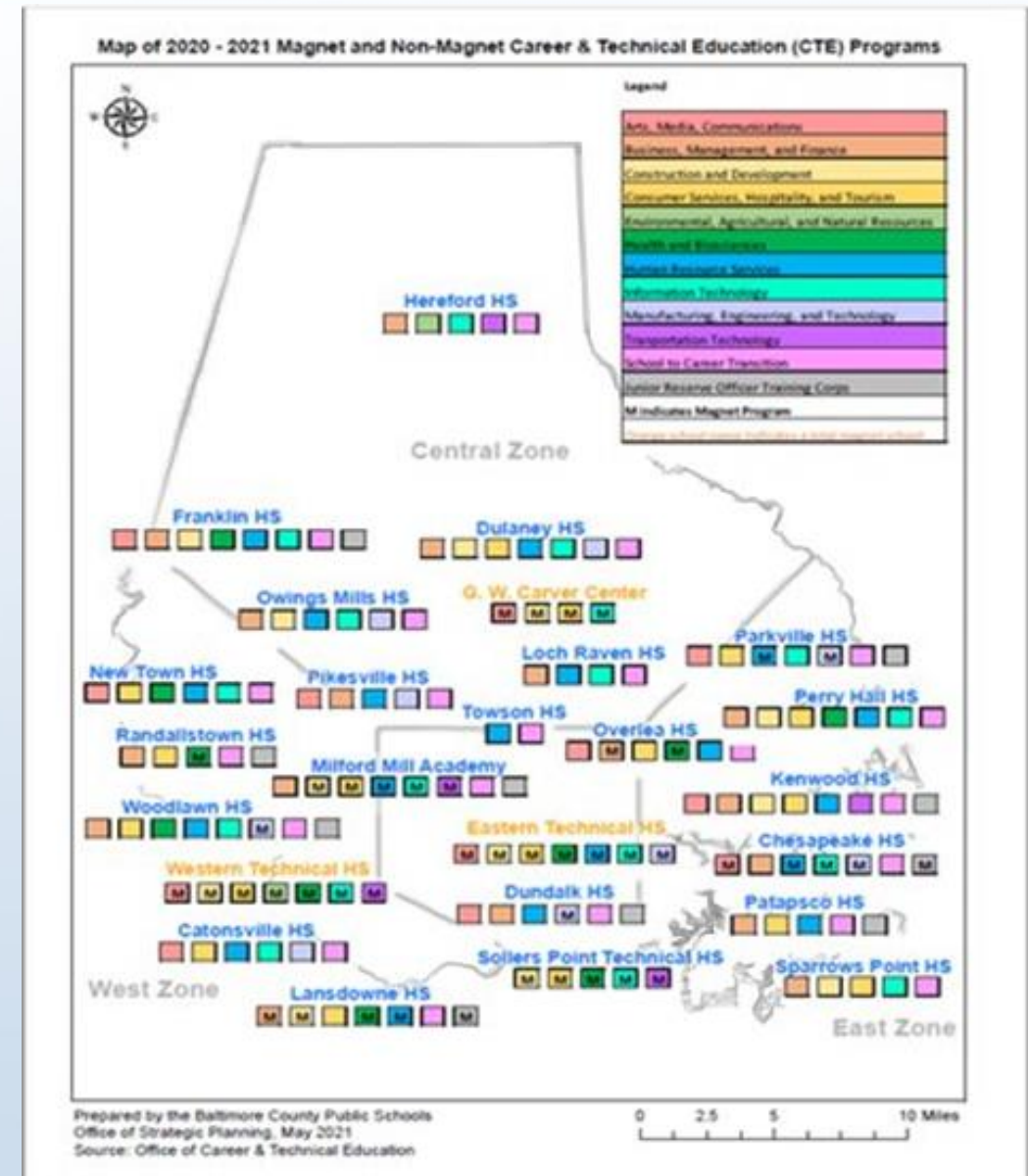
51.50%



# CTE Programs of Study

## Expansion of Opportunities and Access

- Nearly 40 programs of study/pathways
- CTE Career Clusters are covered in each geographic region
- At least 3 CTE programs at each school
- 10 career clusters in each region

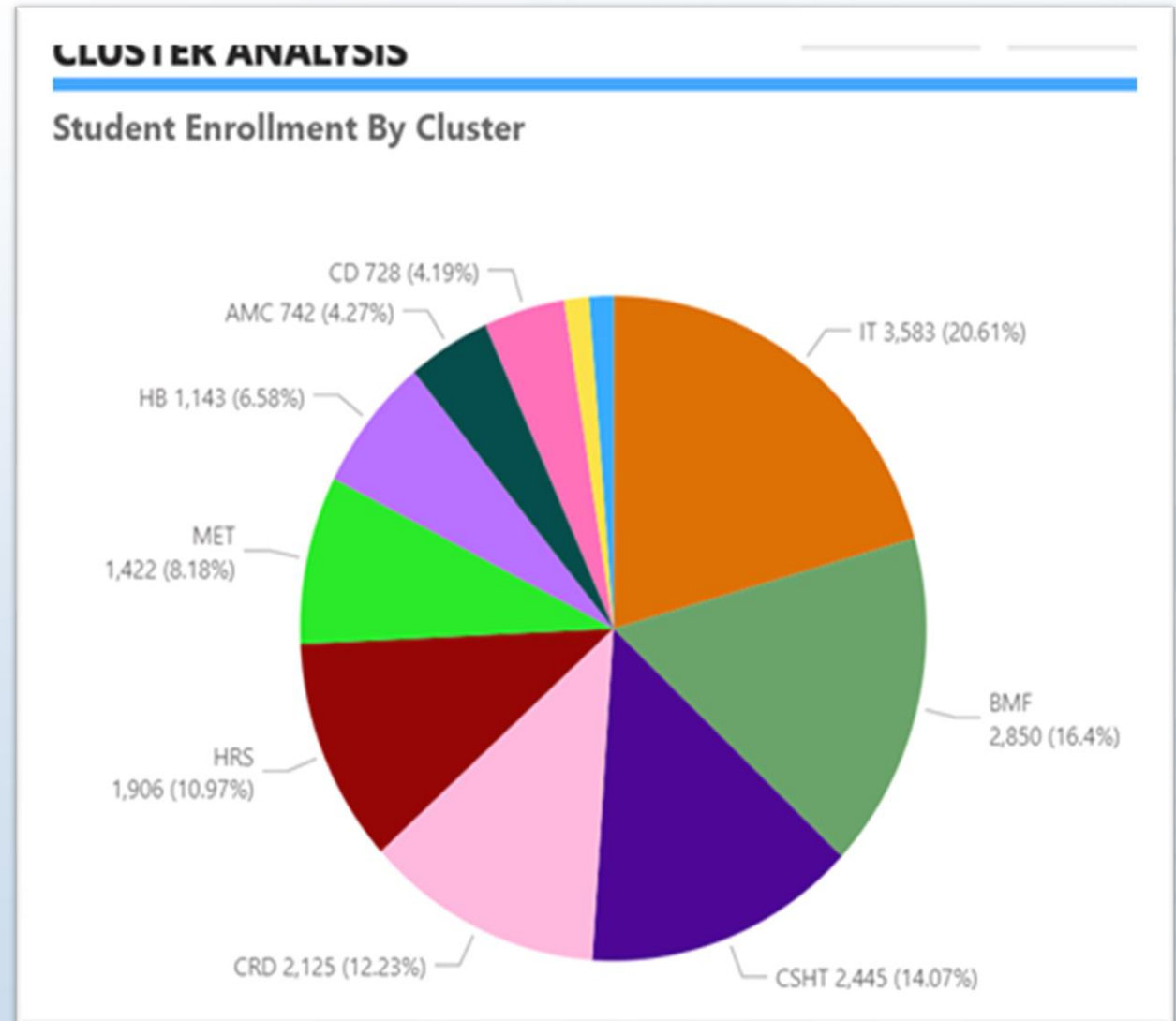




# Program Enrollment and Location

## Constant Innovation

- Programs are constantly reviewed and updated against Department of Labor data
- Aviation Technology
- Artificial Intelligence
- Construction Design Management
  - replaced Drafting
- ProStart







# Innovative Programs

- Pathways to Technology  
Early College High School (P-TECH) Programs
  - Dundalk HS
  - Owings Mills HS
- Aviation Technology
- Artificial Intelligence
- CTE Food Trailer





# Technical Skill Attainment

- Technical skill assessment costs are now covered by CTE
- 74.36% CTE concentrators attained technical skill assessment
- 85% CTE concentrators attained industry credential







# Recruitment and Retention

- CTE Summer Camp
- Junior Achievement Inspire
- CTE Flyers
- National Alliance for Partnerships in Equity (NAPE)



Baltimore County Public Schools

## Culinary Arts and Restaurant Management




■ Carver Center ■ Eastern HS ■ Western HS ■ Sollers Point HS

*(Sites are subject to change, please consult school for more information)*

**PROGRAM DESCRIPTION**

The Culinary Arts program partners with the American Culinary Federation (ACF) to prepare students for a successful careers in the food and beverage industry with a focus on Professional Cooking. The program includes education in food production, professional cooking, baking, food cost, nutrition, sanitation and food marketing. Students may earn ACF Certified Junior Culinary credential, ServSafe Certification and may also earn articulated college credit at Stratford University through a statewide articulation agreement.

Baltimore County Public Schools

## Teacher Academy of Maryland




Eastern Technical HS, Franklin HS, Loch Raven HS, Owings Mills HS, Parkville HS, Perry Hall HS, Towson HS, Woodlawn HS *(Sites are subject to change, please consult school for more information)*

**PROGRAM DESCRIPTION**

Nationally, over two million teacher will be needed in the next decade. Teacher Academy of MD (TAM) supports the goal of inspiring students to become teachers, creating a pipeline of employment into careers in education. SCPS is committed to reaching a diverse candidate pool in order to foster environments in which students and staff feel connected, engaged, and supported.

TAM is a state-approved Career and Technical Education (CTE) computer program, designed to prepare high school students for future careers in the education profession.

Coursework in the TAM program is designed to articulate to a Maryland post-secondary teacher education program. Students develop an iNTAGC portfolio and participate in a field experience.

**TAM prepares student for the following fields and careers:**

- Child welfare social worker
- Children's services
- Children's book author
- Coach
- College instructor
- Community organization leader
- Counselor
- Education administrator
- Industry facilitator/trainer
- Librarian/media specialist
- Pre-collegiate/secondary teacher
- Recreation leader
- Researcher
- Sociologist

**COURSE DESCRIPTIONS**

**TAM Teaching as a Profession (0609104)**  
This course focuses on the profession of teaching – its history, purposes, needs, ethics, laws and regulations, roles, and qualifications. Emphasis is placed on identifying the current, historical, philosophical and social perspectives of American education, including trends and issues. Students will explore major approaches to human learning. Students will participate in activities to help them assess their personal interest in pursuing careers in this field and to identify effective learning environments. Students will begin to develop the components of a working portfolio to be assembled upon completion of the internship.

**TAM Child and Adolescent Development (0600004)**  
This course focuses on human development from birth through adolescence. Emphasis is placed on theories of physical, cognitive, and psychosocial development; the effect of heredity and the environment; the role of caregivers and the family; health and safety concerns; and contemporary issues. Students explore special challenges to growth and development. Students will have opportunities for guided observation of children from birth through adolescence in a variety of settings to help students further understand theories of human development. Students will continue to develop the components of a working portfolio to be assembled upon completion of the internship.

*See back for more information*



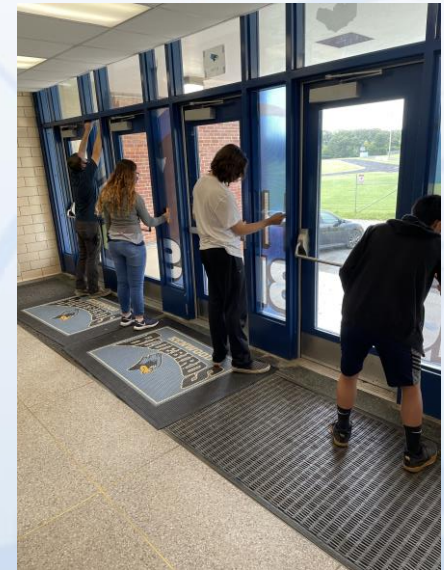


# Kenwood High School Students



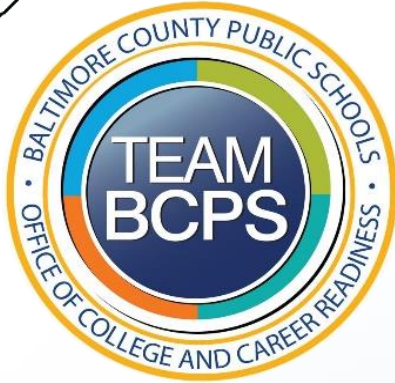
## Every Child Has A Future

- Master schedule
- Communication and Outreach
- Certifications and Credentials
  - Over 425 hours logged in formal Aviation instruction
  - 85 OSHA 10 certifications over past 5 years
  - 35 students earn ServSafe certificate over past 3 years
  - 22 students graduated with 90 hour certificate in child development
  - 16 students hired in full time positions in graphic communications career
- Community Partnerships

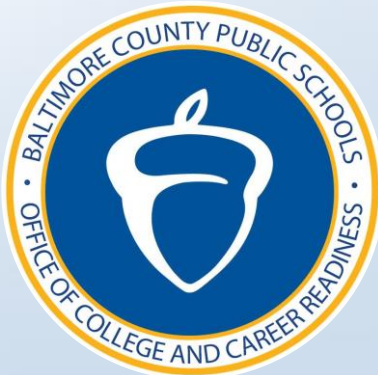
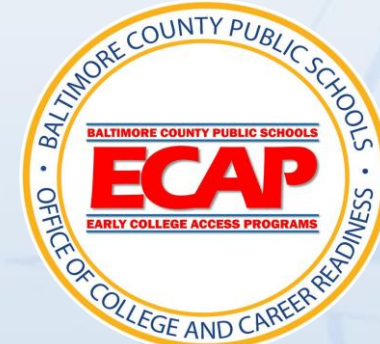
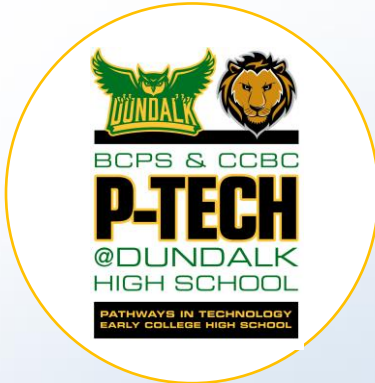




# Parent and Student Resources



Education for a Lifetime







# Thank you

