College and Career Readiness

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
- Community Engagement and Partnerships
- Operational Excellence
- High Performing Workforce and Alignment of Human Capital
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:

<table>
<thead>
<tr>
<th>Competitive Entry College Preparatory Programs</th>
<th>Early College or Dual Enrollment Programs</th>
<th>Career and Technical Education Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>• The International Baccalaureate (IB) Diploma Program,</td>
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<tr>
<td>• The Cambridge AICE Diploma Program, or</td>
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<tr>
<td>• A comparable program consisting of Advanced Placement courses</td>
<td>Students can earn</td>
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<td></td>
<td>• An associate degree or</td>
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<td></td>
<td>• At least 60 credits toward a bachelor’s degree</td>
<td>• A credit or noncredit certificate or license program, course, or sequence of courses that leads to an industry recognized occupational credential or postsecondary certificate</td>
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<td></td>
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<td>• A registered or youth apprenticeship program</td>
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</table>
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

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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

PSAT8/9
PSAT/NMSQT
SAT
AP
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.
ECP @ Woodlawn High

Students who graduated with an AA Degree
Spring 2021

By Race

By Gender

- African American
- Hispanic/Latino

- Female
- Male
Mentor Programs
Advancement Via Individual Determination (AVID)

AVID in BCPS 2002 - 2021

7000+ AVID Students
56 AVID Sites

2002-3: 6
2003-4: 119
2004-5: 22
2005-6: 1548
2006-7: 
2007-8: 22
2008-9: 30
2009-10: 2345
2010-11: 45
2011-12: 4476
2012-13: 
2013-14: 
2014-15: 
2015-16: 
2016-17: 
2017-18: 
2018-19: 
2019-20: 
2020-21: 
2021-22: 

AVID Sites
AVID Students
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 million 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

<table>
<thead>
<tr>
<th>Career Category</th>
<th>Elementary School</th>
<th>Middle School</th>
<th>High School</th>
<th>Postsecondary</th>
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</thead>
<tbody>
<tr>
<td><strong>Career Awareness</strong></td>
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<td>Interest surveys</td>
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<tr>
<td>Diverse classroom career activities</td>
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<td>Diverse employer job talks</td>
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<td>Personal financial literacy</td>
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<td><strong>Career Exploration</strong></td>
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<td>Career fairs</td>
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<td>Workplace tours</td>
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<td>Job shadows</td>
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<td>Structured career exploration lessons</td>
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<td>Informational interviews</td>
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<tr>
<td><strong>Career Preparation</strong></td>
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<td>School-based enterprises</td>
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<td>Counseling</td>
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<td>Internships</td>
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<tr>
<td>Career and technical education</td>
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<tr>
<td>Apprenticeships</td>
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<tr>
<td>Career and technical student organizations</td>
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<td>Simulated work-based learning</td>
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<td>Job-seeking training</td>
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<tr>
<td><strong>Career Seeking and Advancement</strong></td>
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<tr>
<td>Job applications</td>
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<td>Job training</td>
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<tr>
<td>Career management training</td>
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<table>
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<tr>
<th>Audience (grade level)</th>
<th>preK-3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
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<th>16</th>
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### Notes:
- The chart illustrates the progression of career exposure across different grade levels from preK-3 to high school and postsecondary education.
- The color coding indicates the increasing relevance and intensity of career exposure activities as students advance through their educational journey.
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
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

<table>
<thead>
<tr>
<th>Students in CTE Courses</th>
<th>Percent of Students in CTE</th>
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<tr>
<td>17,382</td>
<td>51.50%</td>
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</tbody>
</table>
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)
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
Thank you