

**SECURING
OUR FUTURE**
ECONOMIC
MOBILITY SUMMIT
Building pathways for upward mobility



WELCOME

The Skills Gap Challenge

- **Current Scenario:** Rapid technological advancements have widened the skills gap, particularly in AI and cybersecurity.
- **Impact:** This gap hinders economic mobility and limits access to high-demand, well-paying jobs.

Strategies

- Partnership with Industry
- Alignment with College and Career Readiness Standards
- Career Exploration and Preparation
- Comprehensive Student Support
- Data Collection & Evaluation
- Spotlight on AI & Cybersecurity



Educational Focus

Integrating education with industry needs through strategic partnerships, aligned curricula, hands-on experiences, comprehensive support, and continuous evaluation fosters economic mobility.

Call to Action

Collaborate across sectors to implement these best practices, preparing students for the evolving workforce and enhancing their economic prospects.

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THANK YOU

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SECURING OUR FUTURE ECONOMIC MOBILITY SUMMIT

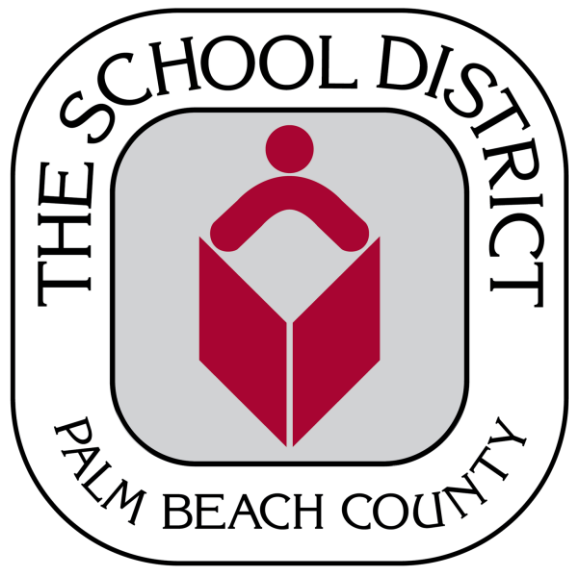
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Enhancing Education for Employment in the Digital Age

Michael J. Burke
Superintendent

District at a Glance



Founded in 1909

- “A” rated
- 10th largest school district in the nation
- \$5.3 billion budget

182 District-Operated Schools

- 170,000 students enrolled
- 13,000 classroom teachers
- Largest employer in County with 23,000 employees
- 33 million meals served annually
- Second-largest police force in County with 265 School Police officers

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Palm Beach County Schools are “Your Best Choice”

Well-rounded and rigorous academic experience for every student

- **330+ Choice and Career programs**
- Well-credentialed teachers with an **average of 13 years of experience**
- **Highest graduation rate** of Florida’s Largest Seven School Districts
- **113 traditional District-operated schools rated “A” or “B”**
- Acceleration starts as early as elementary school with **Accelerated Mathematics Plan (AMP)** and **high-school level math** courses in middle school
- **70% of seniors** took at least one **accelerated course**

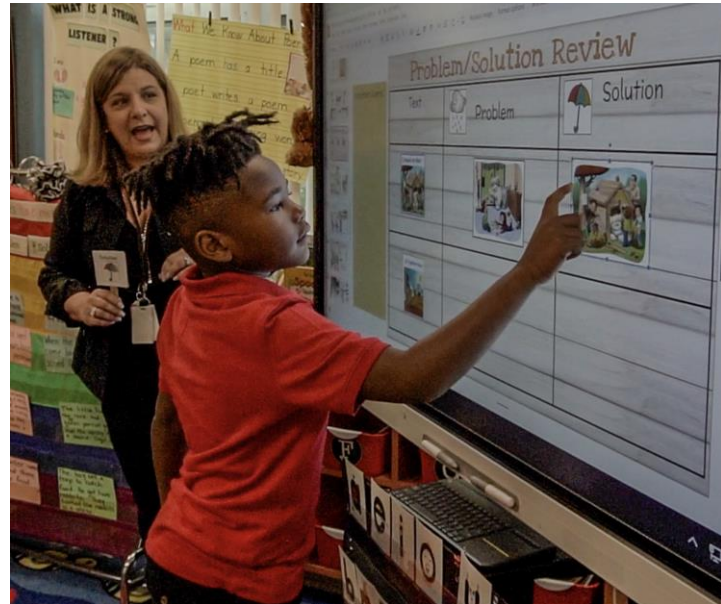


Student in the Palm Beach Lakes High School Biotechnology program.

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Bridging the Digital Divide with Access for All Students



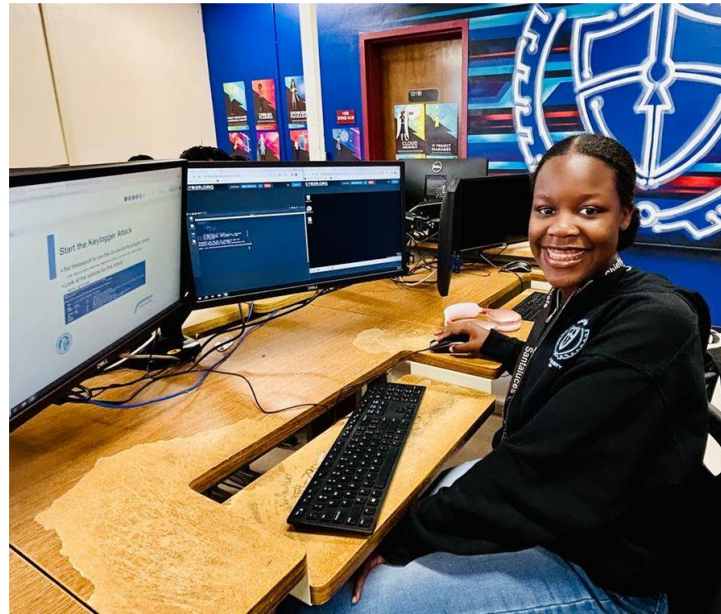
SMART panels are in every classroom across the District

- **Every student is assigned a laptop** (one-to-one)
- **SMART panels** in every classroom
- **Various applications available** at no cost to students including
 - Microsoft Office 365
 - Google Suite
 - Canva
 - Adobe Express
- **Digital citizenship training** every year for every student

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Choice and Career Programs for the Digital Age



Student at the Cybersecurity Academy at Santaluces High School sponsored by the Frederick A. DeLuca Foundation and the Education Foundation of Palm Beach County

Starting in Elementary School

- Digital Citizenship
- E3 - Energy, Environment and Engineering
- Technology
- STEM / STEAM

Starting in Middle School

- Digital Graphic and Video Design
- Engineering
- Environmental Science GIS
- Information Technology
- Robotics & Aviation

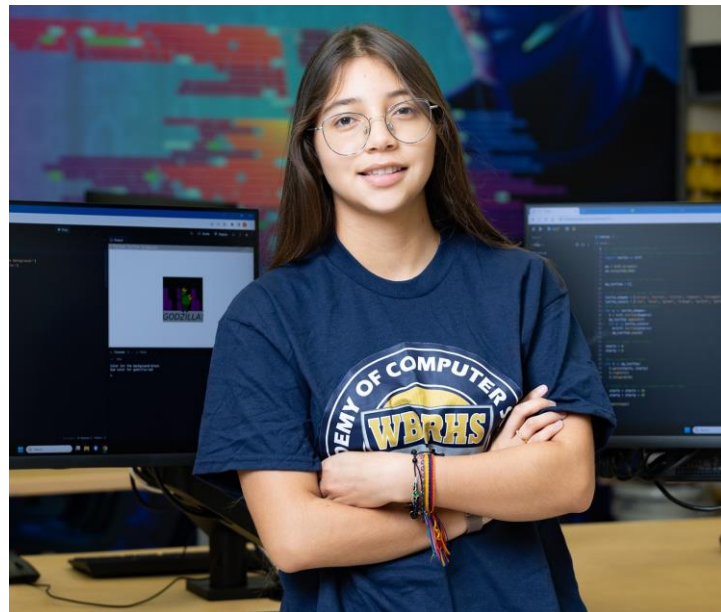
Starting in High School

- Aerospace Science
- Agritechology
- Biotechnology
- Computer Science
- Cybersecurity
- Game, Simulation, and Animation Programming
- Marketing and Entrepreneurship



Industry Certifications for a Digital Age include

More than 5,000 IT related industry certifications were earned by students in Palm Beach County last year, meeting industry demands in computer science fields like programming, graphic design, hardware configuration, and cybersecurity.



Student in the West Boca Raton High School Computer Science program.

Game Design

- Adobe Certified Professional in Video Design
- TOSA Graphics Certified User for Adobe

Information Technology

- ITS: Network Security
- ITS: Device Configuration & Management
- Comptia A+, Security +, IT Essentials

Computer Science

- ITS: JavaScript
- ITS: Python
- ITS: Java

Applied Cybersecurity

- Microsoft Certified: Azure Data Fundamentals
- EC-Council Ethical Hacking Essentials



Adult and Community Education



Mother and daughter completed the CDL program offered at West Tech

- **20,000+ students** annually
- Job Training Programs
 - **Pre-Apprenticeships** - Carpentry, Electrical, HVAC, Plumbing, and Welding
 - **Apprenticeships** - Electrical Level 1, 2, and 3, HVAC Level 1, 2, and 3, Low Voltage Level 1, and Plumbing Level 1
- **Industry Certifications**
 - Home Health Aide, Medical Assisting, Phlebotomy, and EKG Technician
 - Forklift and Commercial Vehicle Driving (CDL Class A)
- High school students participate in **Preparation Program for Pre-Apprenticeships (Pre-Electrician)**

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Integrating AI with Khanmigo

- Available to all K-12 teachers
- Uses safe, reviewed “garden” of information
- Partnership with the Stiles-Nicholson Foundation
- Available to all middle and high school students



Khanmigo, thanks to a donation by the Stiles-Nicholson Foundation, is available to all Grade 6-12 students



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Stay informed by checking the District's website, palmbeachschools.org or by watching content on **The Education Network**

Social Media



/@pbcsd

/@sdpbc



PALM BEACH STATE
COLLEGE

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Palm Beach State College Initiatives for Economic Mobility

Empowering Palm Beach County and the State of Florida for Growth

President Ava L. Parker, J.D.
December 9, 2024

Advancing Economic Mobility in Palm Beach County

Florida's First

- Established in 1933 as Florida's first public community college.

Five Campuses plus PBSC Online

- Boca Raton, Belle Glade, Lake Worth, Loxahatchee, and Palm Beach Gardens

37,000 Students

- 36% Hispanic
- 29% Black
- 25% White
- 10% all others
- 2.28% Veterans

160,000 Alumni



About PBSC

Founded as an open-access institution to serve Palm Beach County residents and communities

Mission

Palm Beach State College advances the economic and social growth of our community and global workforce through innovative, high-quality learning experiences that transform students' lives.

Vision

PBSC is our community's first-choice college. We commit to every learner's success by fostering excellence, cultivating dynamic collaborations, and leveraging new technologies.

Flexible Academic Programs Onsite and Online

Career Technical Education

Programs aligned with in-demand industries such as healthcare, information technology, and advanced manufacturing.

Associate and Bachelor's Degrees

Accessible degree programs and stackable credentials.

Adult Education and Continuing Education

Flexible options for non-traditional students.

Pathway Programs

Articulation agreements with four-year institutions to ensure smooth transitions.

Partnering with Local and National Businesses and Organizations

Amazon

**DePuy Synthes, a Johnson &
Johnson company**

HCA Florida JFK Hospital

Lockheed Martin-Sikorsky

Lowe's Foundation

National Science Foundation

Pratt & Whitney

TMRW Sports

Tropical Shipping

St. Mary's Medical Center

Economic Impact

In FY 2022-23, PBSC added **\$1.4 billion** in income to the Palm Beach County economy, a value approximately equal to **1.2%** of the county's total gross regional product (GRP). Expressed in terms of jobs, PBSC's impact supported **18,187 jobs**. For perspective, the activities of PBSC and its students support **one out of every 63 jobs** in Palm Beach County.



[The Economic Value of PBSC
Executive Summary 2023](#)



[The Economic Value of PBSC
Infographic 2023](#)

Impacts created by PBSC in FY 2022-23

 Operations spending impact
\$176.1 million

+

 Student spending impact
\$44.5 million

+

 Alumni impact
\$1.2 billion

 Total economic impact
\$1.4 billion

OR

 Jobs supported
18,187



PBSC: The Future Is Here Video

PBSC
THE FUTURE IS HERE





PALM BEACH STATE
COLLEGE

THANK YOU

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