School Safety is Our Number One Priority

The Modernization of Technological Infrastructure within Charlotte County Public Schools

Charlotte County Public Schools

- School system of approximately 16,500 students and 2,000 employees that serves:

  - One Pre-K Center School

  - Ten Elementary Schools

  - Four Middle Schools

  - Four High Schools

  - One Center School

  - Two Charter Schools

  - One Virtual School

Charlotte County Public Schools

Sales Tax Funding is needed to modernize the technological infrastructure to allow for the implementation of next generation technologies in the areas of:

- School Security

- Career & Technical Education

- Daily student learning and teaching utilizing cutting edge technologies such as Artificial Intelligence.

Charlotte County Public Schools

Upgrades and retrofitting to school campus MDF and IDF rooms includes but is not limited to:

- New Network Switches,
- Next Generation Video Management Servers capable of AI Integration,
- Replacing UPS Battery Back-ups (universal power supply),
- Enhancing Environmental Controls (air conditioning capability in IDF Rooms),
- Electrical upgrades,
- New fiber connections between buildings in certain schools (1 GB to 10 GB). Bandwidth needs to be able to meet the needs of learning (CTE programs and AI) and security. The data highway doesn't need traffic jams.

Modernization of Key Infrastructure allows for next generation capabilities and upgrades to school security systems
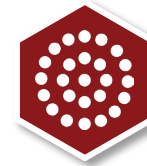
Examples of School Security Systems that will be enhanced due to technological infrastructure upgrades include the following:

- Video Surveillance
- Access Control
- Burglar Alarm Systems
- IP Phone Systems
- Fire Alarm Systems
- Intercom Systems
- Lockdown System
- Public Address (PA) Systems
- Visitor Management System
- Panic Systems

The One Button LockDown System- the importance of maintaining & enhancing for student safety!

A comprehensive series of planned, coordinated and executed actions notify, speed help, and communicate with your community, in a calm, orderly, efficient fashion.

Police Notification

Mass Notification

Computer Screen Notification

Check for Ajar Doors

Lock Classroom Doors

Strobe Light

IP Phone Notification

Disable Card Access

PA Announcement

Website Notification

Digital Signage Notification

Investing in a Skilled Workforce for Our Future

- Charlotte County needs highly skilled workers to support local economic growth.

- CTE provides students with industry-recognized certifications leading to high-wage, high-demand careers.

- Middle School, High School, and Postsecondary

Strategic Use of Sales Tax for CTE Expansion

- New construction and modernization of CTE labs.
- Industry-standard equipment to align with current and future workforce needs.
- Enables CCPS to leverage additional grant funding through matching requirement

Building a Talent Pipeline to Power the Local Economy

- CTE creates a skilled local workforce, attracting and retaining businesses.
- Prepares students for long-term employment in critical industries.
- Improves quality of life and boosts economic mobility for residents.

Examples of Career & Technical Education Programs that will be supported by upcoming infrastructure upgrades include:

- Advanced Manufacturing
- Aerospace: Avionic Systems
- Aerospace: Assembly and Fabrication
- Agriculture: Animal Science
- Cyber Security
- Digital Design
- Engineering
- Robotics
- CCPS CTE Guide: https://www.yourcharlotteschools.net/cte

Questions or Comments?