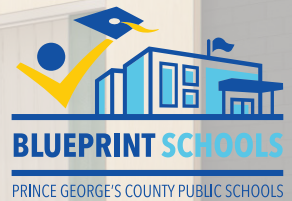


Colin L. Powell Academy

School Factsheet



AT A GLANCE

ADDRESS

12200 Fort Washington Road, Fort Washington, MD 20744

NEIGHBORHOOD

Fort Washington

PRINCIPAL

Nina Lattimore

PROJECT TYPE

New Build

PROJECT BUDGET

\$105 Million

PROJECT FINANCING

The development team, Prince George's County Education & Community Partners PGCECP (Fengate, Gilbane, Stantec, and Honeywell) will receive payments, over 30 years, to design and build six schools to Prince George's County Public Schools' specifications as well as assume maintenance of the buildings throughout the contract period. This alternative construction finance program saves approximately \$235.9 M in deferred maintenance costs.

TOTAL SQUARE FOOTAGE

235,000 SF

TOTAL BUILDING CAPACITY

2,000

GRADE CONFIGURATION

K-8

General

- The modern design of this 3- and 4-story building is based on providing a stimulating environment to enhance learning for students. A healthy and secure environment was core to the overall design of the building.
- The front entrance is emphasized by a two-story canopy to welcome the student to their school. Entering through a secure vestibule the student can then walk to their classroom wings. The ground floor includes administrative offices, Pre-K and first grades gyms, dining facilities, band, orchestra, dance, library, and media commons. Throughout the building are collaborative learning spaces offering unique teaching environments suitable for different styles of student learning.
- The 3-story wing houses pre-K to grade 5 students, providing a distinct area separate from the middle school students. The 4-story wing houses the middle school students from 6th to 8th grade.
- The site is designed to accommodate outdoor learning and play activities. Instructional areas offer an opportunity to learn about environmental features around the site.
- Ball fields, playground equipment, and landscaping feature native plants to enhance our built environment.

Of the total funding for the 6-school Blueprint Schools Phase 1 Project, \$134 million, or 33%, went to Minority Business Enterprises (MBEs), exceeding the MBE requirement

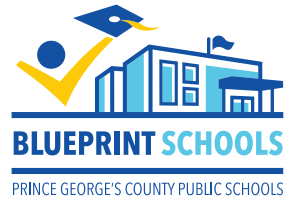


Media Center/Learning Stairs



Classroom

Colin L. Powell Academy



Technology

- Science, technology, engineering, art, and math (STEAM) labs featuring 3-D printers, etchers, robotics
- Video production studio includes audio and video mixers, studio cameras, track lighting, podcasting kits, and IPTV Tricast systems which allow the schools the ability to broadcast not just locally but also regionally to other PGC schools
- Each learning studio (classroom, lab, resource room, conference room) features wireless connectivity and is equipped with multimedia interactive 75" Smart MX275-V3 display boards. Sound systems in the classrooms provide enhanced audio for students as well as a separate system for the hearing impaired.
- Gymnatoriums include sound and lighting mixers for stage performances and enhanced stage equipment
- Art Rooms include daylighting sensors that dim interior lights based on exterior conditions, as well as kiln rooms for on-site ceramic activities
- Outdoor classrooms with wifi connectivity and power receptacles for outdoor learning
- School-wide IPTV system utilizing MediaCast, an open and interoperable digital content management and video streaming system

Environmental/Security

- Designed to meet LEED Silver Equivalent
- Solar and electric vehicle (EV) charging ready, with solar installation anticipated by Fall 2024
- Oriented with its long axis in the east-west direction, allowing classrooms to benefit from southern and northern daylighting
- Tubular skylights increase natural daylight (benefits include improved mood and ability to focus)
- Elevators with live stream audio/video emergency call out systems (some of the first available in Maryland)
- Specialized walls and windows reduce ambient (external) noise and day lighting allows for brighter environments through larger windows and special lighting controls; windows are distributed to spread daylight deep into the classrooms
- Heating and Cooling controls allow for constant state-of-the-art comfort with special features on CO2 level monitoring
- The HVAC system includes MERV 14 filtration and UV Light Sterilization systems to prevent the spread of virus especially in high occupancy areas like restrooms
- Energy Monitoring dashboards which provide real-time energy data for natural gas, water, and electric consumption
- Safety of children is paramount, with wide halls, secure access, security cameras, clear sight lines, and more windows adding to the safety of the environment. Cars and buses are separate creating an added level of security.



Elementary Media Center



Main Office



Dining/Learning Stairs