THE ACADEMY PROGRAMS



At Paint Branch High School, there's truly something for everyone. We offer a variety of special programs and extra-curricular activities to accommodate our diverse community of learners. **The Academies** at Paint Branch High School are unique programs, often part of larger, national, college preparatory programs, which give our students various learning opportunities.

The NJROTC pro-Branch is sponsored by the U.S. Navy and

MCPS. The curriculum is divided into academic studies and leadership development. Academic studies introduce the historical, scientific, and technical aspects of naval science. Leadership development concentrates on Cadet Corps activities, drill and ceremonies, improving study habits and time-management skills, developing effective communication skills, and learning sound problem-solving techniques.



Academy of Finance

The Academy of Finance, part of the National Academies Foundation prepares students for post-secondary education in business and financerelated majors that demand a strong academic foundation. Students take business courses, a culminating internship their senior year, and have the opportunity to run the school bank, Panther Trust, completely

Restaurant Management & Culinary Arts



The Restaurant Management and Culinary Arts Program is accredited by the American Culinary Federation and is designed for students interested in exploring a career in food service and culinary arts. Students work together in a state-of-the-art commercial chef's kitchen to manage the school's restaurant, the Panther Paw The restaurant opens twice a week beginning in October and is available for staff and students to enjoy freshly prepared foods. Additionally, students are able to earn student service

learning hours for the time spent assisting with catering school events including the senior awards ceremony, banquets for sports teams, and graduation. Students in this program work together to develop the menu, market the restaurant, and calculate food costs while establish a basic foundation in the culinary arts.

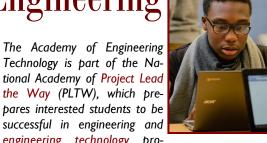
The AVID Program (Advancement Via Individual Determination) explicitly teaches students the skills they need to be successful in a rigorous academic curriculum. Students in general education courses who possess potential for academic rigor, but lack the necessary skills and/or support systems are identified. The goal of AVID is to increase access to higher level academic courses, and help them succeed with increased rigor. A team of trained educators work together to create opportunities for stu-

dents both inside and outside the classroom. AVID students get the opportunity to take higher level courses and eventually attend colleges or universities upon graduation from high school.



Engineering

Technology is part of the National Academy of Project Lead the Way (PLTW), which prepares interested students to be successful in engineering and engineering technology pro-



grams. Students will develop a solid background in math skills and concepts, preparing them to succeed in college mathematics, and have a solid background for engineering technology.







EXCELLENCE through EFFOR

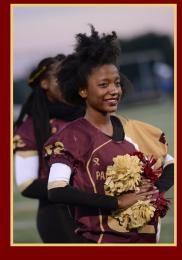
Paint Branch High School

14121 Old Columbia Pike, Burtonsville, MD 20866 Main Office: 301-388-9900 Fax: 301-989-5609 www.mcps.k12.md.us/schools/paintbranchhs Afie Mirshah-Nayar Ed. D., Principal

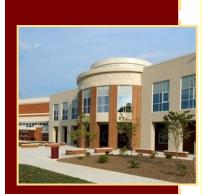












Are you interested in...

- Medicine
- Forensic Science
- Engineering ScienceSports Medicine
- Cungome
- Biomedical Engineering
- Exercise Science
- Nursing
- Genetics
- Stem Cell Research
- Biotechnology
- Horticultural Science
- Environmental Science
- Physics
- Astronomy
- Chemistry
 ...pursue your goals &
 dreams at Paint Branch.

"Getting my Certified
Nursing Assistant (CNA)
license, and interning at
Holy Cross Hospital
through the Medical
Science Program was
the most valuable experience I've had. After
getting direct patient
care experience in the
Labor & Delivery unit, I
know for certain that I
want to become an

Obstetrician, "

Welcome to Paint Branch High School

erating change, placing new de-

mands on the way individuals live,

learn, and work. Our world is

evolving into an information-driven,

global community in which technol-

ogies are created and refined daily.

At Paint Branch High School, we

address the current and future

demand for individuals to be highly

adaptable, and to have strong inves-

tigation, information, and interper-

sonal skills. We are a community

that engage and support each other

in an unparalleled manner, staying

true to the Vision of an "innovative

learning environment with the high-

est expectations." We remain dedi-

cated to advancing the academic,

social and personal development of

all of our students, and for prepar-

ing them for successful post-

At Paint Branch High School Academy of Science and Media, we are a diverse community of learners, with students representing more than 91 countries. Our mission is to partner with students, parents, and community members, while actively collaborating with regional to international communities to ensure student excellence and success. We learn through ongoing, nteractive, and challenging endeavors, that lead to excellence in all aspects of life. We strive toward high standards by promoting curiosity, innovation, self-discipline, effort, responsibility, and respect. We develop transferable skills and knowledge that will sustain life-long learning in a caring, safe, and stimulating environment, where we value all as individuals and as learners.

secondary experiences, in a rapidly changing world. While our expectations are high, I am confident that you will join me in supporting our students, and that you will not settle for anything less than their very best each and every day.

Sincerely,

Afie Mirsha-nayar, Ed. D.



The Science Signature

The **Science Signature** at Paint Branch High School offers our students exciting and varied opportunities to explore sciences first hand, and apply what was learned from the classroom with real life experiences through internships to prepare them for post—secondary education.

Our **Medical Science Program** is one of the leading programs in the state of Maryland. The students and teachers have been recognized by numerous county, state and national institutions. Graduates of this program have continued their college studies in medicine as physicians, surgeons, nurses, operating room specialists and pharmacists. Other graduates have pursued degrees and careers in biomedical engineering, scientific research and teaching.

Our Certified Clinical Medical

Assistant course is one of only four offered in Montgomery County. This program enables students to gain a specialized skill-set related to facilitating the high demands of a healthcare facility. Students learn to administer medications, assist with minor procedures, perform electcardiograms, all while having the opportunity to obtain Certification.

Signature Science Courses

Structures & Function of

- the Human Body
- Foundations of Medicine
- Certified Clinical Medical Assistant
- Medical Science with Clinical Applications
- Medical Science Internship

Life Science

- AP Biology
- AP Environmental Science
- AP Chemistry
- Honors Biology
- Honors Chemistry
- Forensics
- Anatomy & Physiology
- Science Internship •

Physical Science & Engineering

- Software Applications by Design
- Advanced Design Applications
- Principles of Engineering
- Intro. To Engineering DesignCivil Engineering & Architecture
- Civil Engineering & Architectur
- Digital Electronics
- Engineering Design & Development Foundations of Technology
- C.O.D.E.
- Honors & AP Physics

The Media Signature



The **Media Signature** at Paint Branch High School develops the intellectual, creative and communication skills of students in a uniquey interdisciplinary, highly product oriented program that involves them in an interactive exploration of humanities and the media. Using state of the art television and radio studios, students produce award winning daily television broadcasts, documentaries and radio broadcasts. Print publication uses online publishing and photography to prepare students for successful college careers and life-long learning in the media fields.

Are you interested in...

- Broadcast Journalism
- Animation
- Television
- Dadia
- Public Speaking
- Set Design
- Photography
- Theater

- Videography
- Digital Art
- Computers
- Internet
- Creative Writing
- Print Journalism
- Feature & Documentary Development

...come to Paint Branch and explore a world of opportunities.

"There are so many opportunities at Paint Branch... as long as you work hard, you can pursue anything and everything you want."

Media Signature Courses

Television Production

- Video Production A/B
- Electronic Video Field Production A/B
- Media Management & Production A/B

Radio Production

- Radio Production A/B
- Electronic Audio Field Production A/B
- Radio Station Management
 Operations A/B

Electronic & Print Media

- Journalism- Editing/News Production
- Journalism- Advanced Techniques
- Digital Art
- Photography
- Yearbook
- Website Development
- Literary Magazine
 — Advanced Composition
- Stage Design
- Advanced Acting
- Play Directing



There's a place for everyone in the Panther family...

"Choosing Paint
Branch is one of the
best decisions I have
ever made. Not only
am I ready for
college, but I have
become a part of a
community that will
stay with me forever."



"Being a part of Mainstream
(Paint Branch High School Newspaper) means being a part of a
family,; this class is more than a
publication, it's a home. "



"My favorite thing about Paint Branch is the teachers...you know they really care about you. They're not only there to help you after school, but they're also there cheering for you in the stadium."