



Learn about the **Proposed Six Region Model for Academic Programs**

Community Information Webinar

October 22, 2025 – 12:00–1:00 p.m. and 6:00–7:00 p.m.

October 27, 2025 – 12:00–1:00 p.m. and 6:00–7:00 p.m.

Ebony Langford-Brown, director, academic programs

Jeannie Franklin, director, department of consortia choice and application services

MCPS Future Ready **Angela McLane**, executive director, division of teaching and learning



Before We Get Started

- Welcome again
- Tell us who is joining us by **filling out the short survey** you see on your screen
- Time for **Q & A will be toward the end** of the presentation because many of your questions may be answered throughout the presentation
- **Translation services for are available** – look for the globe on your screen for access

Agenda

We will....

- Explain why we are proposing a six-region model.
- Share the updated and improved models—shaped by feedback.
- Share program details that reflect where we are and where we are headed.
- Share answers to questions posed via the Q & A feature.

By the Numbers

Make the connection between the numbers and the data statements.

A. The number of full time 9th grade full time programs.

B. The number of high schools MCPS will have in two years.

C. The number of Grade 8 students in a waitpool or waitlist for a regional/ countywide program.

D. The number of Northeast & Downcounty Consortium Grade 8 students that applied to the Poolesville Global Ecology program in 2024.

F. The % of students attending their local high school.

E. The year the proposed regional model and new boundaries for 50 secondary schools will take place.

1. ___ 27

2. ___ 2027

3. ___

2000+

4. ___ <10

5. ___ 90

6. ___ 35

Equity and Opportunity Matters



IMPORTANT

- Currently, access to criteria and interest-based program is limited.
- Increasing access to programs and supports across every region of the county will create a more equitable system where opportunity reaches every student, not just some. There is a significant population of highly able, talented students in every corner of the school system.
- All students should have access to local and regional high-interest and high-impact options.
- All schools must have strong academic programs.
- All students should have a range of opportunities regardless of where they live.

What evidence do we have?



- Each year there are about 2000+ students on a waitlist or waitpool for a regional/countywide program.
- Some of our most sought after countywide high school programs are dominated by students in three high schools.
- When assessing some of our longest standing programs and their transportation, one program has 24 buses and offers no transportation.
- There are nine out of 25 high schools that do not host a regional/countywide program. These schools only send students away from their school.
- Some students have three opportunities to access the International Baccalaureate program and some only have one.

What is the Proposed Regional Model?



IMPORTANT

- MCPS is focused on strengthening all of our high school pathways and opportunities
- In 2027, MCPS will have 27 high schools that will be grouped geographically into six regions
- Each region will include 4 or 5 high schools
- Students will have access to a parallel suite of programs in each region with transportation

Expectations for All High Schools

Expectations for All High Schools

Recommendations from the Design Team



**Business, Finance & Entrepreneurship
and Financial Literacy**



Parallel Advanced Courses



**Well-rounded Course
Progression Opportunities**



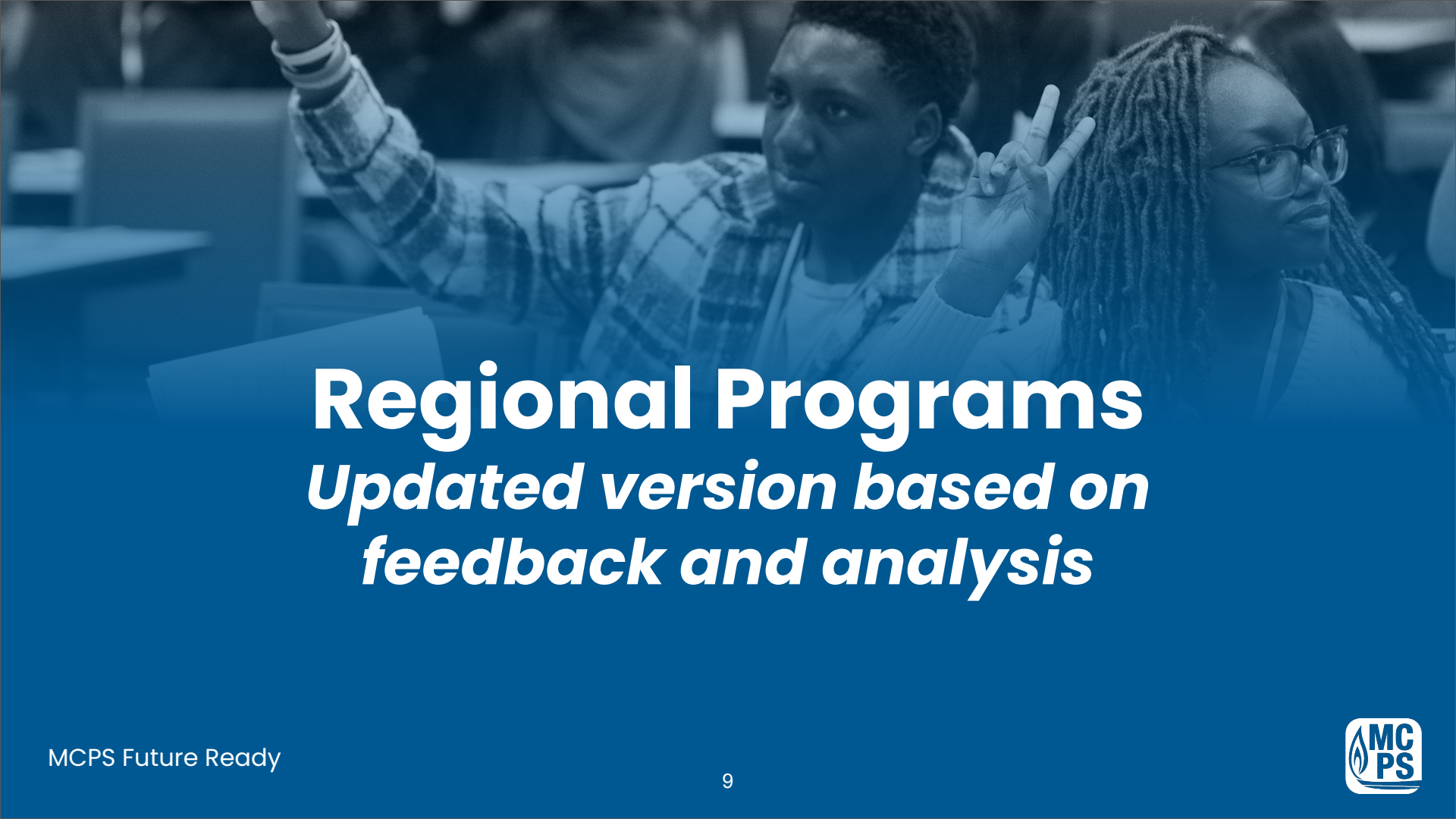
Distance Learning to Close Gaps



**Preparation for Advanced
Courses**



**Research Experiences that
Prepare Students for College**



Regional Programs

***Updated version based on
feedback and analysis***

Regional Program Themes

**Medical
Science and
Healthcare**

**Science,
Technology, &
Engineering &
Math**

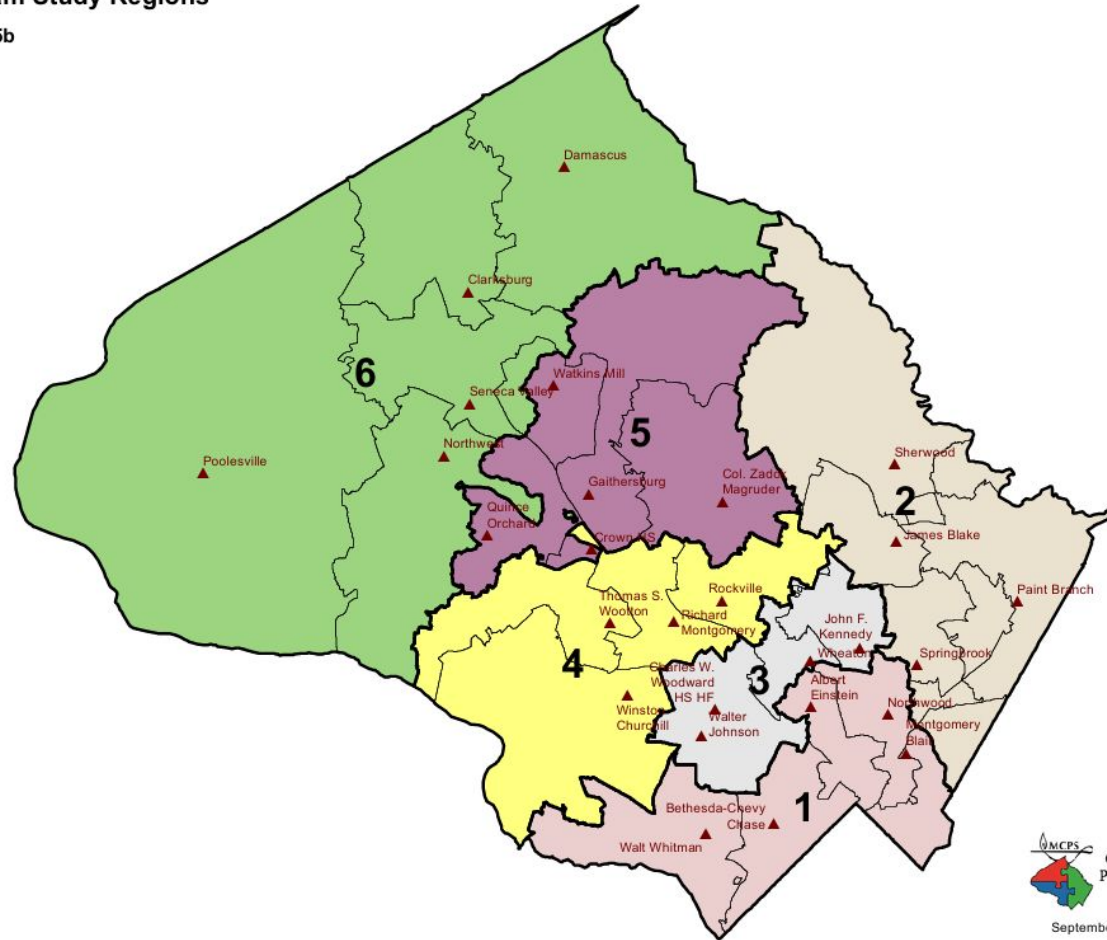
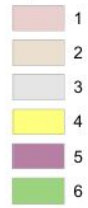
**International
Baccalaureate,
Humanities &
Languages**

**Leadership &
Public Service**

**Visual &
Performing Arts,
Design, and
Communication**

Program Study Regions

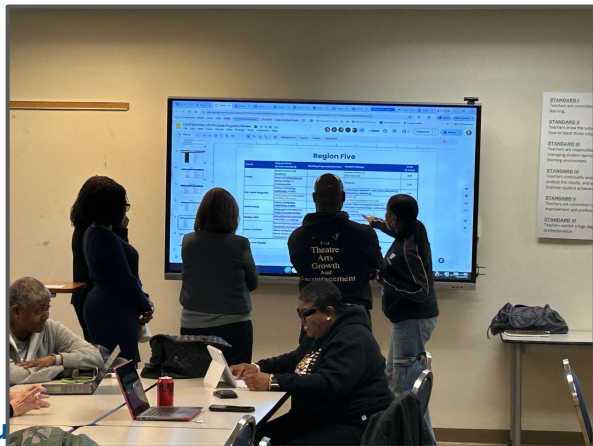
Option 5b



September 23, 2025

How were program themes matched to schools?

- Analysis of school assets (existing/related programs, staff, resources, facility)
- Feedback from Design, MCPS Project Teams throughout the process
- Principal and community feedback
- Additional information such as enrollment and application data



**Principal Teams
Helping to Develop
the Plan**

Region One

School	Regional Program Strands	Local Pathways (not an exhaustive list)
Bethesda–Chevy Chase	International Baccalaureate (c)	IB Middle Years Program Computer Science PLTW*: Advanced Engineering More pathways here
Montgomery Blair	Science, Technology, & Math: Science: Math, & Computer Science (c), Technology (i)	Entrepreneurship and Business Management International Studies and Law
	Communication Arts Programs (c)	Accounting and Finance More pathways here
Walt Whitman	Leadership for Social Justice (i)	Child Development Associate
	Humanities (c) & Language (i)	Computer Science PLTW* Engineering More pathways here
Albert Einstein	Medical Science (c) and Healthcare (i)	International Baccalaureate Visual and Performing Arts
	Visual Art Center (c) and Design (i) Performing Arts: music (c)	Academy of Finance More pathways here
Northwood	Performing Arts: dance (c) & theatre (c)/technical theatre (i)	Finance, Accounting, Marketing and Education Humanities, Arts, and Media
	Public Service (i)	Musical Theater and Dance More pathways here
	Middle College (i)	

Technology is PLACEHOLDER for specific pathway(s): Engineering, Programming, Cybersecurity, Machine Learning & Data Science – pathway will utilize school assets as base and determine in partnership with principal

(c) criteria-based
(i) interest-based
*Project Lead the Way



Region Two

School	Regional Program Strands	Local Pathways (not an exhaustive list)
James Hubert Blake	Visual Art (c), Performing Arts (c,i), Design (i), Communication (i)	Business and Consumer Services Arts and Communications Broadcast Media
	Middle College (i)	More pathways here
Paint Branch	Medical Science (c) and Healthcare (i)	Restaurant Management PLTW* Engineering Navy JROTC
	Leadership and Public Service (i)	More pathways here
Springbrook	Science, Technology, & Math: Science, Math, & Computer Science (c), Technology (i)	Academy of Information Technology Justice, Law and Society PLTW* Engineering
	International Baccalaureate (c)	More pathways here
Sherwood	Humanities (c) & Language (i)	Health Professions: CNA Business Management PLTW* Engineering More pathways here

Region Three

School	Regional Program Theme Strands	Local Pathways (not an exhaustive list)
Charles W. Woodward	Visual Art (c), Performing Arts (c,i), Design (i), Communication (i)	Opening 2027 More pathways here
	Middle College (i)	
John F. Kennedy	Medical Science (c) and Healthcare (i)	Broadcast Journalism Healthcare Professions International Baccalaureate More pathways here
	International Baccalaureate (c)	
Walter Johnson	Humanities (c) & Language (i)	APEX-Reach Computer Science/Code.org Child Development Associate More pathways here
	Leadership and Public Service (i)	
Wheaton (Career hub with Thomas Edison of High School of Technology)	Science, Technology, & Math: Science, Math, & Computer Science + Engineering & Biomedical Science (c)	Global Studies PLTW* Bioscience PLTW* Engineering More pathways here

Region Four

School	Program Strands	Local Pathways (not an exhaustive list)
Richard Montgomery	International Baccalaureate (c)	Computer Science/Code.org Diploma Program Middle Years Program
	Performing Art: dance (c) & theatre (c)/technical theatre (i)	More pathways here
Rockville	Medical Science and Healthcare (c,i)	Child Development Associate IB Diploma Program
	Leadership & Public Service - Middle College (i)	Career-related Programme More pathways here
Winston Churchill	Humanities (c) & Language (i)	Computer Technology Engineering and Math Broadcast Media
	Visual Art (c), Design (i) & Communication (i)	More pathways here
Thomas S. Wootton	Science, Technology & Math: Science, Math & Computer Science (c), Technology (i) Performing Arts: music (c)	Humanities and Arts IT Networking Computer Science More pathways here

Region Five

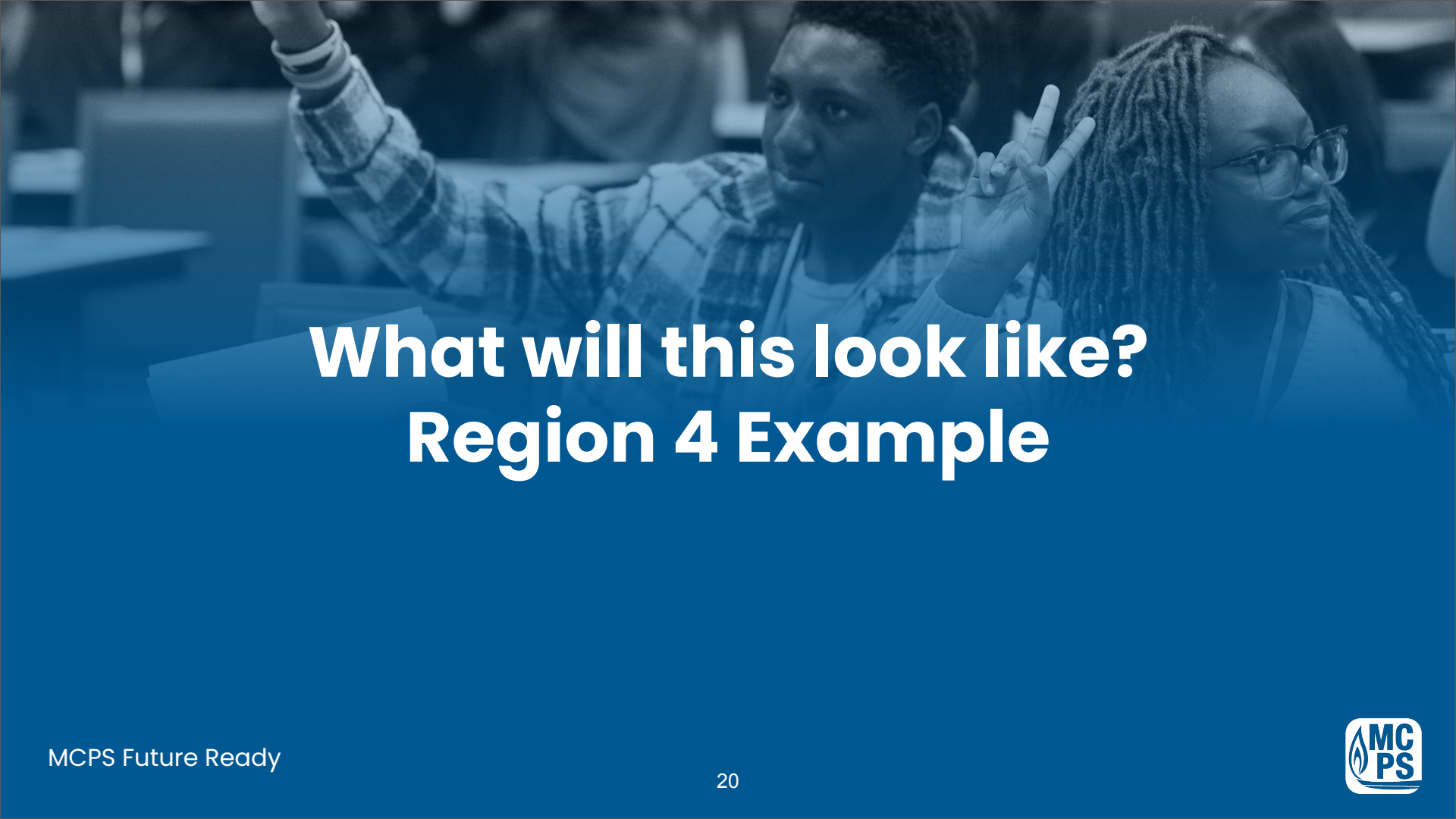
School	Program Strands	Local Pathways (not an exhaustive list)
Crown	Medical Science (c) and Healthcare (i)	Opening 2027 More pathways here
	Performing Arts: dance (c)	
Col. Zadok Magruder	Engineering & Aviation (c,i)	Apprenticeship Army JROTC Aviation & Aerospace More pathways here
	Leadership and Public Service (i)	
Gaithersburg	Science, Technology, & Math: Science, Math, & Computer Science (c), Technology (i)	PLTW Biomedical Sciences Broadcast Media Computer Science More pathways here
	Visual Art (c), Design (i), & Communication (i)	
Watkins Mill	International Baccalaureate (c)	Medical Careers IB Middle Years Program, IB Career-related Program More pathways here
	Middle College (i)	
Quince Orchard	Humanities (c) & Language (i)	Fine Arts & Humanities Broadcast Media IT Networking More pathways here
	Performing Arts: music (c) & theatre (c)/technical theatre (i)	

Region Six

School	Program Strands	Local Pathways (not an exhaustive list)
Seneca Valley (Career hub)	International Baccalaureate (c)	IB Middle Years Program IB Career-related Programme
	Performing Arts: dance (c) & theatre (c)/technical theatre (i)	Construction Electricity More pathways here
Clarksburg	Medical Science (c) and Healthcare (i)	Computer Science PLTW*: Advanced Engineering Pathways in Networking & Info Tech (P-TECH) More pathways here
Damascus	Performing Arts: music (c) & Communication (i)	Child Development Associate Information Technology Networking
	Leadership and Public Service (i)	Professional Restaurant Management More pathways here
Poolesville	Science, Technology, & Math: Science, Math, & Computer Science (c)	Independent Studies House PLTW Engineering
	Humanities (c)	Computer Science
	Leadership: Global Ecology (c)	More pathways here
Northwest	Visual Art (c) and Design (i)	Computer Science
	Technology + Engineering MC2 (i)	Academy of Finance Ulysses Signature
	Middle College (i)	More pathways here

What Our Great Regional Programs Will Have

- In-depth coursework aligned to student interest with clear, relevant connections between program content, career interests and further education.
- Experiences beginning Grade 9
- Extended learning opportunities (work-based learning, co- and extracurricular experiences, engagement with professionals)
- Industry certification and/or 3rd party verification of performance
- A learning community



What will this look like? Region 4 Example

Welcome to Region 4.

Four Schools. Many Pathways to Success.

Richard Montgomery

 **International Baccalaureate (c)**

 **Performing Arts-
Dance (c) Theatre
(c)/Technical
Theatre (i)**



Churchill

 **Humanities
Language (c,i)**

 **Visual Arts (c)
Design (i)**
 **Communication-(i)**



Rockville



**Medical Science (c)
Healthcare (i)**



Middle College (i)

Wootton



**Science, Math, and
Computer Science (c)**

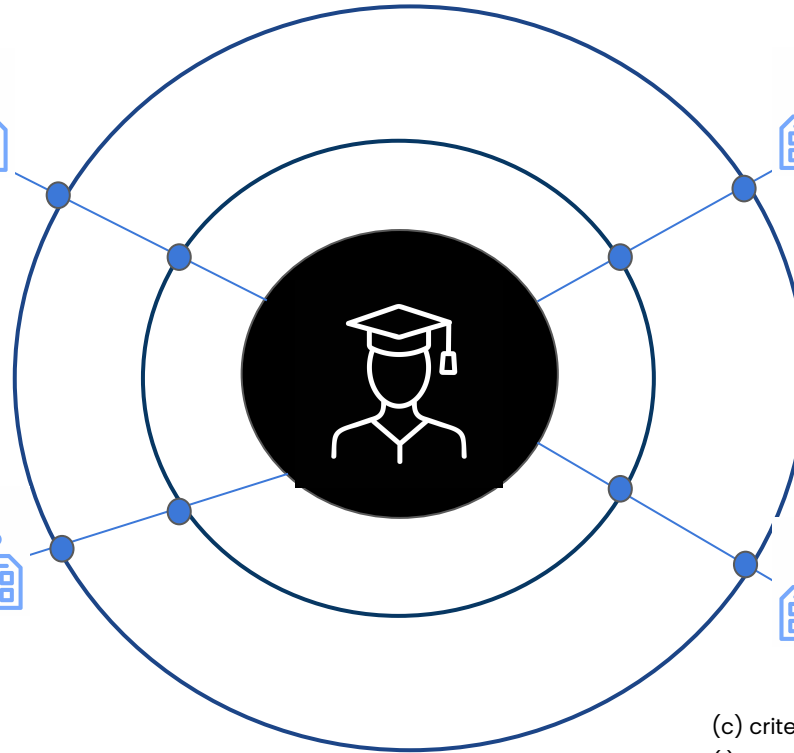


**Machine Learning &
Data Science* (i)**



**Performing Arts
-Music (c)**

*TBD



(c) criteria-based
(i) interest-based

Every student begins with a strong local high school. Regional programs are designed for students who want to explore a specialized area of interest, while maintaining the same high expectations and quality found in each school.

Pathway Framework Components

1. Vision Statement
2. Pathway Goals
 - ❑ Developing Knowledge and Skills
 - ❑ Providing Hands-On, Real World Experiences
 - ❑ Fostering College, Career and/or Community Pathways
3. Criteria and Interest Based Designation
 - ❑ Criteria-based programs means multiple student academic measures, performance standards or portfolio information will be used to identify students for the limited seats in the pathway amongst the applicants.
 - ❑ Interest-based programs are open to all grade eligible Montgomery County students wanting to pursue the pathway. All students who submit an interest form will be placed into a lottery for selection if there are more requests than seats available

Pathway Framework Components

4. Course Sequence
5. Co curricular and Extracurricular Opportunities
6. Evaluation Metrics
7. Cost Projections
8. Implementation Plans

Medical Science and Healthcare

The vision of the Medical Science and Healthcare Program is to develop future professionals in medicine and healthcare through an equity-driven, rigorous, and experiential curriculum that fosters academic excellence, cultural competency, and a commitment to improving community well-being.

Program Goals– Medical Science and Healthcare

1. **Develop Foundational Knowledge and Skills**

Equip students with a strong academic foundation in biomedical science, and healthcare practices through rigorous, standards-based coursework.

2. **Provide Hands-On, Real-World Experience**

Engage students in experiential learning through labs, simulations, clinical exposure/internships, and industry partnerships to build practical skills and career readiness.

3. **Foster Career and College, Career and/or Community Pathways**

Support students in exploring and pursuing postsecondary education and/or careers in healthcare by offering certifications, dual enrollment opportunities, and mentorship from industry professionals.

Biomedical Science Pathway (criteria-based)

Grades 6–8	Grade 9	Grade 10	Grade 11	Grade 12
Career Advising, and claiming of RIASEC themes. Career Exploration Summer Enrichment & Preparation	Honors Biology (cohort)	Honors Chemistry (Cohort)	IB Biology HL 1 or IB Physics HL 1	IB Biology HL 2 or IB Physics HL 2
	Introduction to Engineering Design or Making for Engineers e4usa A/B (cohort)	Biomedical 1	Biomedical 2	Biomedical 3 (cohort) or Work-based Learning or Dual Enrollment
	U.S. History	NSL Government	World History or IB History 1	Elective or Work-based Learning or Dual Enrollment
	English	English	IB English	IB English
	Integrated Algebra 1	Integrated Algebra 2	Secondary Math Pathway Course 1	Secondary Math Pathway Course 1
	World Language	World Language	IB Personal and Professional Skills	IB Personal and Professional Skills
	Physical Education	Health	Fine Arts	Technology Credit

Clinical Healthcare Pathway (interest-based)

Grades 6–8	Grade 9	Grade 10	Grade 11	Grade 12
Career Advising, and claiming of RIASEC themes.	Biology with integrated Foundations of Medicine and Structures) (cohort)	Science	Science	Science
Career Exploration	Technology Credit	Certified Clinical Medical Assistant 1	Certified Clinical Medical Assistant 2	Certified Clinical Medical Assistant 3 or WBL or Dual Enrolment
Summer Enrichment & Preparation	Latin, Spanish, or French	Latin, Spanish, or French	Latin, Spanish, or French	Latin, Spanish, or French
	U.S. History	NSL Government	World History	Work Based Learning/Dual Enrolment
	English	English	English	English
	Integrated Algebra 1	Integrated Algebra 2	Secondary Math Pathway Course 1	Secondary Math Pathway Course 1
	Physical Education	Health	Fine Arts	Work Based Learning/College Course

Student Opportunities in the Biomedical Science & Clinical Healthcare Program

- Earn Biotechnician Assistant Credentialing (BACE) Certification
- Earn Certified Clinical Medical Assistant (CCMA) Certification
- Participate in internships and/or clinicals
- Earn College credit
- Earn IB Career Program Certificate
- Connect with healthcare professionals, university faculty, and industry mentors
- Participate in competitions and Student Organizations

Program Metrics– Biomedical & Clinical Healthcare

WORKING DRAFT

Metric	When will it be measured?	What will it tell us about program quality and success?
Enrollment & Retention	Annually	Is the program in demand and do students want to stay
Program Persistence (Completion of Biomed /CCMA 2)	Annually beginning (2028-2029)	Is the program keeping students engaged and how many are attempting the IRC
Program completion (capstone data)	Annually beginning 2030-2031 Audit initially at class registration period	Is the program relevant to students and are they coming to the program or to the school
Industry Recognized Credentials	Annually beginning (2028-2029)	Mastery of standards Curriculum is aligned with industry standards and workforce-relevant skills
IB Scores (criteria-based program)	Annually	Mastery of content and skills
Avant Languages STAMP assessment (proficiency testing)	Annually	Students gains in linguistic proficiency level of their world language.
Student & Parent Exit Survey	Annually beginning 2030-2031	Satisfaction, quality of instruction, curriculum, support, and experiences. Program benefits. What can be improved?
Student profile – invited and accepted and retained	Develop and refine 1st four years, update after that What home school(s) in the region are sending students? Ave GPA, test scores of those accepted? Ave GPA throughout the program in program courses and overall. Demographic and service data.	Who is served by the program? What can be shared with parents about what it takes to be successful in the program?

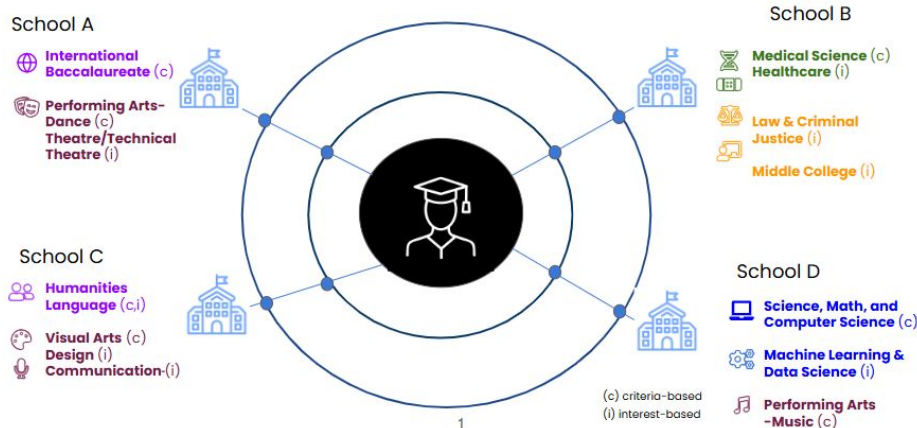
See More Program Description Drafts!

These [slides](#) from the October 16 Board of Education meeting include program descriptions for all 5 program themes, including 15 pathway options! (Slides 34–87)



QR code for BOE
October 16, 2025
slide presentation

Four Schools. Many Pathways to Success.



Every student begins with a strong local high school. Regional programs are designed for students who want to explore a specialized area of interest, while maintaining the same high expectations and quality found in each school.

Program Descriptions Include

1. Vision Statement
2. Pathway Goals
3. Criteria and Interest Based Designation
4. Course Sequence
5. Co curricular and Extracurricular Opportunities
6. Evaluation Metrics

	2024-2025 Grade	2025-2026 Grade	2026-2027 Grade	2027-2028 Grade	2028-2029 Grade	2029-2030 Grade	2030-2031 Grade	2031-2032 Grade	2032-2033 Grade
Graduation Year		<i>New Boundaries Approved (March 2026)</i>	<i>1st Admissions Application Process year for Regions</i>	<i>Transition Year 1st class of regions applicants Woodward & Crown open, Northwood reopens</i>	<i>Transition Year</i>	<i>Final Transition Year</i>			
2028	9	10	11	12	<i>No changes to school assignment</i>				
2029	8	9	10	11	12	<i>No changes to school assignment</i>			
2030	7	8	9	10	11	12	<i>Boundary studies impact</i>		
2031	6	7	8	9	10	11	12	<i>First class in new boundaries</i>	
2032	5	6	7	8	9	10	11	12	
2033	4	5	6	7	8	9	10	11	12
2034	<i>Ready</i> 3	4	5	6	7	8	9	10	11

Frequently Asked Questions

Will local high schools continue to offer local pathways if they implement a regional model?	These pathways may continue if they reflect student interest and impact by way of enrollment, completion and student outcomes.
Does my student have to apply to a regional program?	No. Regional programs are optional pathways for students who may be interested in a pathway unavailable at their home school.
Is rising Grade 9 the only entry point to the regional programs?	There will be additional on-ramps to enter the program beyond Grade 9.
Will Aviation at Magruder HS be available as a regional program?	Yes. The Aviation program may continue as an interest-based regional program.
Will the countywide programs remain?	Countywide programs will become regional.

DCC and NEC* : Frequently Asked Questions

Will my student go through the DCC/NEC Choice process?	Starting with those currently in Grade 7, students will be assigned to the home high school, however, will have the opportunity to apply to one of the regional programs within the region.
What happens to existing local signature and academy programs?	Several local academy programs have been anchor to the schools within the DCC. The school will determine if the current programs will continue within their scheduling model.
Is the regional program model a Choice process like the Downcounty or Northeast Consortium?	No. The regional model is not a Choice process. Students will be expected to attend their home school and have the option of applying to regional programs.
Can student apply to a regional program after starting high school?	There will be additional on-ramps to enter the program beyond Grade 9. Some factors to consider are space available at the school and within the program.
Will the DCC and NEC discontinue?	Yes. The DCC and NEC will evolve into the regional model and elements of its success will be reflected in the model going forward.

*DCC- Downcounty Consortium, NEC- Northeast Consortium

Timeline

October	• Presentation to the Board: Additional Program Specifics • Community engagement
November	• Identify professional learning and resource needs • More community and stakeholder engagement • Program Analysis Plan Finalized
January	• Superintendent recommends boundary and program plan to the Board
March	• BOE votes on Superintendent's recommendation • If approved for regional model, early outreach to Grade 7 students begins
Fall 2026	• Outreach season begins for 1st classes and new boundaries take effect

By the Numbers

Make the connection between the numbers and the data statements.

1. 27

2. 2027

3. 2000+

4. <10

5. 90

6. 35

A. The number of full time 9th grade full time programs. **35**

B. The number of high schools MCPS will have in two years. **27**

C. The number of Grade 8 students in a waitpool or waitlist for a regional/ countywide program. **2000+**

D. The number of Northeast & Downcounty Consortium Grade 8 students that applied to the Poolesville Global Ecology program in 2024. **<10**

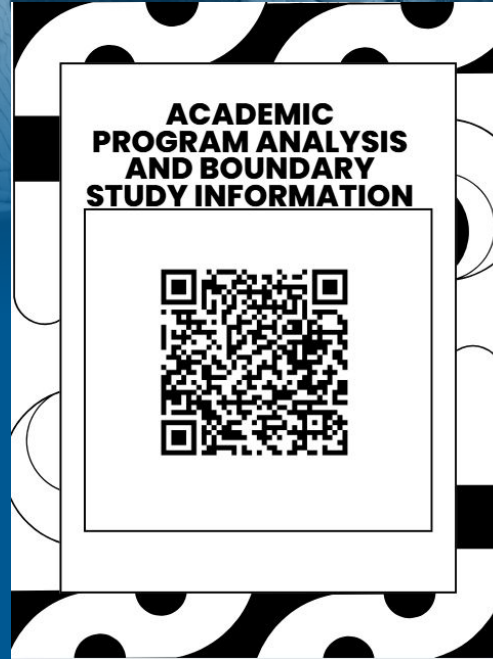
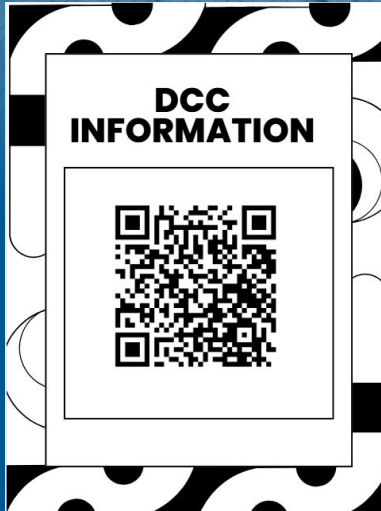
F. The % of students attending their local high school. **90**

E. The year the proposed regional model and new boundaries for 50 secondary schools will take place. **2027**

Questions

- We will respond to as many questions as possible from those captured via the Q&A feature.
- We will update the Frequently Asked Question section of Academic Programs website with responses to questions we were unable to address.

Resources



THANK YOU FOR JOINING US!
Please complete this brief survey



Six In-Person Regional Informational Sessions
6:30 – 7:30 p.m.
Locations TBD