VISION
We inspire learning by providing the greatest public education to each and every student.

MISSION
Every student will have the academic, creative problem solving, and social emotional skills to be successful in college and career.

CORE PURPOSE
Prepare all students to thrive in their future.

CORE VALUES
Learning
Relationships
Respect
Excellence
Equity

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Rockville, Maryland 20850
www.montgomeryschoolsmd.org
# Elementary School Programs

## Elementary School Application Program Locations/Map
- Local Elementary School Programs
- Elementary School World Languages Immersion Programs
- Elementary Center for Enriched Studies

## MIDDLE SCHOOL PROGRAMS

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## MIDDLE SCHOOL PROGRAMS

## HIGH SCHOOL PROGRAMS

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INTRODUCTION

THE INFORMATION IN THIS BOOKLET IS DESIGNED TO HELP STUDENTS AND THEIR FAMILIES learn about the various programs that are available in Montgomery County Public Schools (MCPS) at the elementary, middle, and high school levels. Each program is designed to provide enriched learning opportunities based on student interest and motivation. This booklet may be used as a reference to better understand a student’s educational options. However, this booklet does not refer to every special program in the county. In addition to the programs described in this booklet, individual schools may offer special programs open only to those students who reside within the school boundaries.

Navigating the Options

Questions to ask yourself before reading this booklet...

- What is the best learning environment for my child?
- What are my child’s interests and educational needs?
- How does programming at our local school meet my child’s needs and interests?
- Will I be able to arrange transportation for my child to and from a central stop if necessary?

As you read this booklet...

- Do any of the programs seem to be a good match for my child’s needs and interests?
- How might commuting to a school outside my neighborhood affect our family routines?
- Will transportation be provided for this program?

After you have read this booklet...

- Have I investigated the options available to my child at our local school?
- Is a program a good match for my child’s interests and needs?
- Do I know whom to contact with questions and for application materials?
- Have I discussed the various options with my child prior to beginning the application or Choice process?
- Have I considered transportation arrangements and a back-up plan?

MCPS Bus Transportation

According to the MCPS Board of Education Regulation EEA-RA, II.B: “Transportation is provided for many of the special programs from and to central stops (usually at MCPS schools) as determined by the MCPS Department of Transportation. Stops may be several miles from the student’s home. Parents are responsible for arranging transportation to and from central stops. Bus trips are usually significantly longer than local school transportation and vary by program or location. It is important to carefully consider transportation options and responsibilities.”

Throughout this booklet, you will see a bus icon (left): Please read the information next to that icon to learn about transportation for each specific program. If no icon is present, then there are no special transportation options for that particular program, and so the transportation regulations for “regular education” apply.

For more information about transportation regulations, please visit the transportation website www.montgomeryschoolsmd.org/departments/transportation/ or call 301-840-8130.
Contact your school
To visit each school's website, visit: www.montgomeryschoolsmd.org/schools/ and select the "Schools" link on the left side of the page.

World Languages Immersion, Grades K-5
For more information - 240-740-4005

In partial immersion programs, approximately one half of the day is spent learning subjects such as science and math in the immersion language.

In total immersion programs, all of the core subjects are taught in the immersion language. The foreign language is not taught explicitly but used as the language of instruction so that students learn the language while learning the content of the curriculum.

Chinese Immersion
- Potomac Elementary School (partial immersion)
  Continued at Herbert Hoover Middle School
  Local program
- Bayard Rustin Elementary School (partial immersion)
  Continued at Herbert Hoover Middle School
  Countywide program

French Immersion
- Maryvale Elementary School (total immersion)
  Continued at Gaithersburg Middle School
  Available to students living in the following high school clusters:
  Blake, Churchill, Damascus, Gaithersburg, Magruder, Richard Montgomery, Northwest, Paint Branch, Poolesville, Quince Orchard, Rockville, Seneca Valley, Sherwood, Springbrook, Watkins Mill, Wheaton, Wootton
- Sligo Creek Elementary School (total immersion)
  Continued at Silver Spring International Middle School
  Available to students living in the following high school clusters:
  Blair, Blake, Bethesda Chevy-Chase, Einstein, Walter Johnson, Kennedy, Northwood, Paint Branch, Springbrook, Whitman

Spanish Immersion
- Burnt Mills Elementary School (partial immersion)
  Continued at Silver Spring International Middle School
- William Tyler Page Elementary School (total immersion)
  Continued at Silver Spring International Middle School
- Rock Creek Forest Elementary School (total immersion)
  Continued at Westland Middle School
  Countywide program

Center for Enriched Studies*, Grades 4-5
For more information - 240-740-3110

*Schools are offering the program locally – Piney Branch, Stonegate, Rachel Carson and Spark Matsunaga

Each center draws from a defined set of high school clusters and are located at the following elementary schools:

- Lucy Barnsley Elementary School
- Chevy Chase Elementary School
  Bethesda-Chevy Chase and Whitman high school clusters.
- Clarkspring Elementary School
  Clarksburg and Damascus high school clusters.
- Cold Spring Elementary School
  Churchill and Wootton high school clusters.
- Dr. Charles R. Drew Elementary School
  Blake, Paint Branch, Sherwood, and Springbrook high school clusters.
- Fox Chapel Elementary School
  Northwest, Poolesville, Quince Orchard, and Seneca Valley high school clusters.
- Pine Crest Elementary School/Oak View Elementary School
  Blair, Einstein, Kennedy, and Northwood high school clusters.
- Mill Creek Towne Elementary School
  Magruder, Gaithersburg, and Watkins Mill high school clusters.
Local Elementary School Programs

World Languages Immersion Programs

Elementary Center for Enriched Studies

Attention Parents and Students: Some information may change after publication. Please visit www.montgomeryschoolsmd.org/curriculum/specialprograms/ or contact the school for the most current information on available programs.
Local Elementary School Programs

Division of Accelerated and Enriched Instruction
240-740-3110
www.montgomeryschoolsmd.org/curriculum/enriched/

Mathematics Instruction
240-740-4001
www.montgomeryschoolsmd.org/curriculum/math/

Language Arts Instruction
240-740-4006
www.montgomeryschoolsmd.org/curriculum/english/

Science Instruction
240-740-4002
www.montgomeryschoolsmd.org/curriculum/science/

Social Studies Instruction
240-740-4008
www.montgomeryschoolsmd.org/curriculum/socialstudies/

ALL ELEMENTARY SCHOOLS have a variety of instructional and enrichment programs to meet the needs of students, including those who demonstrate high interest, motivation, and/or level of achievement in a particular area of study. At every grade level, all students should have opportunities to enrich and extend their learning, study and explore areas of interest, and collaborate with peers on challenging and rigorous tasks.

Contact Your Local School
To find out more about what your local elementary school offers, contact the school directly and/or visit the school’s website by searching for the school’s name on the MCPS home page or going to www.montgomeryschoolsmd.org/schools/ and selecting List of Schools at the top of the page. Each school uses a variety of instructional programming models to meet the needs of its students.

At every grade level, all students have opportunities to...
- Deepen and enrich their understanding of on-grade-level material
- Extend and enrich their understanding of above-grade-level materials
- Study and explore areas of interest
- Collaborate with peers on challenging and rigorous tasks

When a student demonstrates interest, motivation, or level of achievement in a particular area of study, all elementary schools have a variety of instructional and enrichment programs to meet those needs. Some examples are...
- Science fairs
- Destination Imagination
- Geography Bee
- Math Olympiad
- Schoolwide Enrichment Program
- International Baccalaureate Primary Years Program
- Arts Integration Model
- The William and Mary Language Arts Units for High Ability Learners, Grades 2–5
- The Junior Great Books Program, Grades K–5
- Access to enrichment and extension tasks in mathematics
- Enriched Literacy
Elementary School World Language Immersion Programs

Enrollment Requirements

Burnt Mills Elementary School (Spanish)
Serves students who attend Burnt Mills Elementary School, followed by the students from the other elementary schools that feed into Key Middle School. Open to all other students, based on space availability.

Bayard Rustin Elementary School (Chinese—Partial)
Serves students from all high school clusters.

Maryvale Elementary School (French)
Serves students in the following high school clusters:

William T. Page Elementary School (Spanish)
Serves students who attend William T. Page Elementary School. Open to students from other clusters, based on space availability.

Potomac Elementary School (Chinese—Partial)
Serves students who attend Potomac Elementary School. Open to students from all high school clusters, based on space availability.

Rock Creek Forest Elementary School (Spanish)
Serves students from all high school clusters.

Sligo Creek Elementary School (French)
Serves students in the following high school clusters: Blair, Blake*, Bethesda-Chevy Chase, Einstein, Walter Johnson, Kennedy, Northwood, Paint Branch*, Springbrook*, and Whitman.

*Immersion school based on student’s address.

THE WORLD LANGUAGES immersion programs begin in kindergarten and continue through Grade 5. Students in these programs learn the MCPS curriculum in one of three languages—Chinese, French, or Spanish.

Admission to the Program

Admission to world languages immersion programs is limited. Selection is based on a lottery system for students in kindergarten and Grade 1. New students are admitted after Grade 1, provided space is available and students pass a placement test. Multiple-birth siblings requesting the same program will be treated as a single request. Requests for younger siblings will be given preference, if the older sibling also will be in the program at the same school. To participate in the immersion lottery, parents must complete an interest form. For information about the process, visit www.montgomeryschoolsmd.org/curriculum/specialprograms/admissions/immersion.aspx or call 240-740-2540.

Would you like your child to…

• Read books in French?
• Have discussions about current events in Spanish?
• Solve math problems in Chinese?
• Learn a second language while pursuing the MCPS curriculum?

Consider applying to one of the world languages immersion programs.

Language immersion is an educational approach in which students are taught the curriculum content through the medium of a second language. In this way, immersion students not only learn the content, but also gain knowledge of the language in which it is taught. In total-immersion programs, children learn their core subjects (reading, writing, mathematics, social studies, and science) in the second language. Partial-immersion programs are based on the same principle, but only a portion of the curriculum is taught in the second language. The main difference between an immersion setting and a world languages class is the approach to second-language learning. In an immersion program, language is a method for teaching the content rather than the subject of instruction.

To visit each school’s website, search the school’s name from the MCPS home page or visit www.montgomeryschoolsmd.org/schools/ and select List of Schools at the top of the page.

World Languages Instruction

240-740-4005
www.montgomeryschoolsmd.org/curriculum/specialprograms/admissions/immersion.aspx/

MCPS provides transportation from central stops for some areas served by various elementary school language-immersion programs. Check with the program coordinator at your school for details on transportation service availability. Please refer to page 3 for more information regarding “central stops” transportation.
Elementary Center for Enriched Studies

The Elementary Center for Enriched Studies is for Grade 4 and Grade 5 students. The program, organized by high school cluster, is housed at the following elementary schools:

**Lucy V. Barnsley Elementary School**

**Chevy Chase Elementary School**
Bethesda-Chevy Chase and Whitman high school clusters.

**Clearspring Elementary School**
Clarksburg and Damascus high school clusters.

**Cold Spring Elementary School**
Churchill and Wootton high school clusters.

**Dr. Charles R. Drew Elementary School**
Blake, Paint Branch, Sherwood, and Springbrook high school clusters.

**Fox Chapel Elementary School**
Northwest, Poolesville, Quince Orchard, and Seneca Valley high school clusters.

**Mill Creek Towne Elementary School**
Gaithersburg, Col. Zadok Magruder, and Watkins Mill high school clusters.

**Oak View Elementary School**
Blair, Einstein, Kennedy, and Northwood high school clusters serving specifically East Silver Spring, Flora Singer, Forest Knolls, Highland View, Oak View, Rolling Terrace, Sligo Creek, Woodlin elementary schools.

**Pine Crest Elementary School/**
Blair, Einstein, Kennedy, and Northwood high school clusters serving specifically Arcola, Glen Haven, Glenallan, Oakland Terrace, Pine Crest, Rock View, Kemp Mill elementary schools.

The ELEMENTARY CENTER FOR ENRICHED STUDIES is a two-year program that begins in Grade 4. It is designed to meet the needs of highly gifted and motivated learners in language arts, mathematics, science, and social studies. The program is housed at select elementary schools. (See page 11 for the center program that serves your attendance area). The process begins in January, and current Grade 3 students may participate. Admission to the program is by a selection committee.

Admission to the program

All Grade 3 students will be centrally reviewed for enrichment and acceleration for Grade 4. Those who are identified in the central review will be evaluated (includes taking an above-grade level assessment). Additional criteria used as part of the evaluation include report card grades, test scores, brief student essay and student services (IEP, ESOL, 504 or FARMS). There is no parent application.

This process begins in January with a parent information meeting and parents of Grade 3 students will receive information in early April regarding the results of the central review.

Each center serves a designated geographic area, based on the high school cluster in which you reside.

Does your child like to…

- Write poetry, plays, or stories to share with friends?
- Design science experiments and test them?
- Work cooperatively with friends on projects?

Consider applying to the Elementary Center for Enriched Studies.

The program provides a learning environment that enriches, accelerates, and extends the MCPS curriculum. It is designed to meet the needs of highly gifted and motivated learners in language arts, mathematics, science, and social studies. The program focuses on critical-thinking, problem-solving, and communication skills.

For example, a student might—

- study a topic or concept from a multi-disciplinary perspective;
- research a historical event and communicate connections to current events;
- work cooperatively in small groups to generate solutions to real-world problems; or
- design and conduct research-based investigations and present findings.

Program Questions

**Division of Accelerated and Enriched Instruction**
www.montgomeryschoolsmd.org/curriculum/enriched/

Admissions Questions

**Division of Consortia Choice and Application Program Services**
240-740-2540

MCPS provides transportation from central stops for students from the areas that the programs serve. Please refer to page 3 for more information regarding “central stops” transportation.
Middle School Programs

Local Middle School Programs

Middle School World Languages Immersion Programs

Mathematics, Science, Computer Science Magnet Programs

Humanities and Communication Magnet Programs

Magnet School for Digital Design and Development

Magnet School for the Creative and Performing Arts

Magnet School for Aerospace Technology

Attention Parents and Students: Some information may change after publication. Please visit www.montgomeryschoolsmd.org/curriculum/specialprograms/ or contact the school for the most current information on available programs.
Middle School Application Programs

Language Immersion Program

Middle School Magnet Consortium

Magnet Program

Middle School Magnet Consortium (MSMC) Schools

Argyle Middle School for Digital Design and Development

Loiederman Magnet School for the Creative and Performing Arts

Parkland Magnet School for Aerospace Technology

Admission is based on a Choice process open to all Montgomery County Grade 5 students in-consortium and out-of-consortium. All Grade 5 students residing in one of the following elementary school service areas must participate in the Choice process: Brookhaven, Georgian Forest, Harmony Hills, Sargent Shriver, Strathmore, Viers Mill, Weller Road, and Wheaton Woods

Middle School Language Immersion Programs

Gaithersburg Middle School

French Immersion Program

Students who complete the Maryvale ES French Immersion Program may attend automatically. All others interested in participating may contact the school to learn if space is available, and passing a language assessment is contingent upon invitation.

Herbert Hoover Middle School

Chinese Immersion Program

Students who complete the College Gardens ES or Potomac ES Chinese Immersion Program may attend automatically. All others interested in participating may contact the school to learn if space is available, and passing a language assessment is contingent upon invitation.

Silver Spring International Middle School

French and Spanish Immersion Programs

Students who complete the the Sligo Creek ES, Burnt Mills ES, or William Tyler Page ES French or Spanish Immersion Programs may attend automatically. All others interested in participating may contact the school to learn if space is available, and passing a language assessment is contingent upon invitation.

Westland Middle School

Spanish Immersion Program

Students who complete the Rock Creek Forest ES Spanish Immersion Program may attend automatically. All others interested in participating may contact the school to learn if space is available, and passing a language assessment is contingent upon invitation.

See Page 17 for specific information.

Montgomery County Public Schools - Division of Capital Planning - October 11, 2018
Local Middle School Programs

Division of Accelerated and Enriched Instruction
240-740-3110
www.montgomeryschoolsmd.org/curriculum/enriched/

Mathematics Instruction
240-740-4001
www.montgomeryschoolsmd.org/curriculum/math/

Science Instruction
240-740-4002
www.montgomeryschoolsmd.org/curriculum/science/

Social Studies Instruction
240-740-4008
www.montgomeryschoolsmd.org/curriculum/socialstudies/

ALL MIDDLE SCHOOLS have a variety of instructional and enrichment programs to meet the needs of students, including those who demonstrate high interest, motivation, and/or level of achievement in a particular area of study. At every grade level, all students should have opportunities to enrich and extend their learning, study and explore areas of interest, and collaborate with peers on challenging and rigorous tasks. To find out more about what your local middle school offers, contact the school directly.

Contact Your Local School
To find out more about what your local middle school offers, contact the school directly or visit their website by searching for the school's name from the MCPS home page or going to www.montgomeryschoolsmd.org/schools/ and selecting List of Schools at the top of the page.

At every grade level, all students have opportunities to...

- Deepen and enrich their understanding of on-grade-level material,
- Extend and enrich their understanding of above-grade-level materials,
- Study and explore areas of interest, and
- Collaborate with peers on challenging and rigorous tasks

Some examples of enrichment programs offered by all middle schools are...

- Science fairs
- Middle School Science Inquiry Conference
- Destination Imagination
- Math Olympiad
- International Baccalaureate Middle Years Programme
- The William and Mary Language Arts Units for High Ability Learners, Grades 6–8
- The Junior Great Books Program, Grades 6–8
- Access to high school mathematics courses
- Gifted or advanced-level courses
- Access to high school courses
Middle School World Languages Immersion Programs

**Middle School World Languages Partial Immersion Programs**
The immersion programs are offered at the following four sites in the county:

- Gaithersburg MS  French
- Herbert Hoover MS  Chinese
- Silver Spring International MS  French and Spanish
- Westland MS  Spanish

**World Languages Instruction**
240-740-4005
www.montgomeryschoolsmd.org/curriculum/specialprograms/admissions/immersion.aspx/

THE WORLD LANGUAGES immersion programs begin with new students who are admitted after Grade 1, provided space is available and students pass a placement test. Please contact the programs individually to find out about the application process and deadlines.

**Admission to the Program**
Admission to the World Languages immersion programs is limited to incoming Grade 6 students who have completed a corresponding immersion program at the elementary level. Students who did not participate in the elementary program may test into immersion programs if there is space available. Contact the program to find out about the application process and deadlines.

**Does your child have an interest in…**
- Continuing to expand their knowledge of a second language?
- Reading and writing in Chinese?
- Discussing world events in French?
- Exploring Spanish culture?

For students coming from elementary French and Spanish immersion programs, a two-period block of instruction enables them to enhance their language development as well as complete the social studies courses in the same language. Students coming from elementary Chinese immersion programs will continue in a one-period language course before transitioning to the regular MCPS Chinese 2 course in Grade 7.

**Consider continuing the immersion experience at one of the middle school world languages immersion programs.**
- Potomac and College Gardens elementary schools
- Hoover Middle School
- Maryvale Elementary School
- Gaithersburg Middle School
- Sligo Creek and William T. Page elementary schools
- Burnt Mills Middle School
- Silver Spring International Middle School
- Rock Creek Forest Elementary School
- Westland Middle School

To visit each school’s website, search the school’s name from the MCPS home page or visit www.montgomeryschoolsmd.org/schools/ and select List of Schools at the top of the page.

MCPS provides transportation from central stops for the middle school language immersion students at Gaithersburg MS and Silver Spring International MS from the areas that the programs serve. Please refer to page 3 for information regarding “central stops” transportation. Transportation is not provided for language immersion students at Herbert Hoover MS or Westland MS who live outside the local school boundary.
Mathematics/Science/Computer Science Magnet Program

Roberto Clemente Middle School
18808 Waring Station Road
Germantown, MD 20874
301-601-0381
www.montgomeryschoolsmd.org/schools/clementems/

Takoma Park Middle School
7611 Piney Branch Road
Silver Spring, MD 20910
301-562-5220
www.montgomeryschoolsmd.org/schools/takomaparkms/

THE MATHEMATICS/SCIENCE/COMPUTER SCIENCE MAGNET PROGRAM provides unique and challenging learning opportunities in three areas of concentration: mathematics, science, and computer science. Students are encouraged to make connections among content areas through a problem-solving approach. Students have a variety of specialized academic experiences, such as working with scientists and mathematicians, participating in academic competitions, and writing computer programs. A parent meeting is held in the fall at a central location. Information is available online at www.montgomeryschoolsmd.org/curriculum/specialprograms/. All students interested in this program are required to complete a series of tests in November. School bus transportation to and from each middle school is provided from central locations throughout the county.

Admission to the program
All Grade 5 students will be centrally reviewed for enrichment and acceleration for middle school programming either at their local school or magnet program. Those who are identified in the central review will be evaluated (includes taking an above-grade level assessment). Additional criteria used as part of the evaluation include report card grades, test scores, brief student essay and student services (IEP, ESOL, 504 or FARMS). There is no parent application. Students who decline evaluation will still be considered for local middle school enrichment and acceleration.

This process begins in October with a parent information meeting and parents of Grade 5 students will receive information in early October regarding the results of the central review.

Each center serves a designated geographic area, based on the high school cluster in which you reside.

Does your child have...
- A keen interest and ability in mathematics?
- Strong motivation in developing a deep understanding of how computers work and their applications?
- An in-depth interest in current events in science and in conducting scientific research?
- A positive attitude and a commitment to working collaboratively with peers?

Consider applying to the Mathematics, Science, Computer Science Magnet Program at the Upcounty Center Program for the Highly Gifted.

Beyond the accelerated mathematics, science, and computer science courses, students may work with scientists and mathematicians from government agencies, nearby universities and local organizations. The program offers access to many academic competitions, such as the Continental Math League—Math and computer divisions, Montgomery County Area Science Fair, and American Computer Science League. Students also conduct scientific field work at area creeks and at the Smithsonian's Naturalist Center. Throughout all of their specialized coursework, students work with an academic cohort to conduct independent inquiries using mathematics, computer science, and the scientific process to solve real-world problems.

MCPS provides transportation from central stops for students in the Roberto Clemente MS and Takoma Park MS magnet programs from the areas that the programs serve. Please refer to page 3 for more information regarding “central stops” transportation.
The Humanities and Communication Magnet Programs provide unique and challenging learning opportunities in three areas: writing, media production, and world studies. Students are encouraged to make connections among ideas, study selected topics in depth, and develop critical and creative thinking skills. Both programs offer a broad range of courses, including accelerated classes in science, math, and world languages and strong visual and performing arts classes. A parent meeting is held in the fall at both middle schools. Application materials are available at all elementary schools and online at www.montgomeryschoolsmd.org/schools/easternms/ and www.montgomeryschoolsmd.org/schools/mlkms/.

Admission to the program

All Grade 5 students will be centrally reviewed for enrichment and acceleration for middle school programming either at their local school or magnet program. Those who are identified in the central review will be evaluated (includes taking an above-grade level assessment). Additional criteria used as part of the evaluation include report card grades, test scores, brief student essay and student services (IEP, ESOL, 504 or FARMS). There is no parent application. Students who decline evaluation will still be considered for local middle school enrichment and acceleration.

This process begins in October with a parent information meeting and parents of Grade 5 students will receive information in early October regarding the results of the central review.

Each center serves a designated geographic area, based on the high school cluster in which you reside.

Does your child have...

- A keen interest and ability in writing?
- Strong motivation in the humanities or artistic side of media production?
- An in-depth interest in history, geography, economics and current events?
- A positive attitude and a commitment to working collaboratively with peers?

Consider applying to the Humanities and Communication Program at Dr. Martin Luther King, Jr. Middle School or at Eastern Middle School.

Students pursue intensive courses in writing and opportunities to be published and broadcast through television, radio, and film. Students create position papers, plays, brochures, magazine articles, and research papers. The program also offers hands-on opportunities to work as a member of a production team in the program’s television studios. Students work in teams as performers, cinematographers, producers, directors, audio engineers, editors, and graphic artists. Students study the human experience through analysis of historical events, literature, and art. They also learn to document the human experience through written and visual media.

MCPS provides transportation from central stops for students in the Dr. Martin Luther King, Jr. MS and Eastern MS magnet programs from the areas that the programs serve. Please refer to page 3 for more information regarding “central stops” transportation.
Digital Design and Development

Argyle Middle School
2400 Bel Pre Road
Silver Spring, MD 20906
301-460-2400
www.montgomeryschoolsmd.org/schools/argylems/
www.montgomeryschoolsmd.org/schools/msmagnet/argyle/

Digital Design and Development provides students in Grades 6, 7, and 8 a challenging academic program focused on the development and application of information technology. Students learn to use technology tools to enhance the school experience. Students will be required to take a minimum of one technology course per year. Additionally, students will have the option to take technology electives that focus on programming, web development, media literacy, and digital media. The school environment is both collaborative and rigorous, using teamwork and competitions to support the coursework. Throughout the Argyle experience, students will gain knowledge to prepare them for success in high school and develop skills that are transferable to a work environment.

Admission to the program

Admission to the Argyle Middle School for Digital Design and Development is based on a lottery process. Students who live within the Argyle, Loiederman, and Parkland Consortium attendance area participate in the Choice process through their elementary schools in Grade 5. For Grade 5 students outside of the Consortium area, Choice forms are available at all MCPS elementary schools, online at www.montgomeryschoolsmd.org/schools/msmagnet/, or from the Division of Consortia Choice and Application Program Services, 301-592-2040.

Does your child like...

- Challenging courses in accelerated mathematics?
- Computers, video games, digital cameras, animation, programming, website design?
- Learning new information and solving problems using digital tools such as cameras, gaming software, and other computer-based strategies?
- Creating computer programs, websites, and digital art?
- Producing multimedia presentations?
- Using technology tools to express ideas?

Consider applying to Argyle Middle School.

Argyle Magnet School for Digital Design and Development offers students in Grades 6, 7, and 8 a rigorous academic program, focused on the development and application of information technology. Argyle students are engaged with technology tools in all classes throughout the day. All Grade 6 students take a year-long comprehensive technology course. All Grade 7 and 8 students will enroll in a minimum of one technology elective. Also, students may opt to take additional elective courses, specializing in web development, programming, digital art, or media literacy. Four of the Grade 8 technology electives will be high-school-level coursework. Argyle students will—

- explore a variety of technology tools;
- use technology tools to complete school assignments;
- experience the competitive environment of team problem solving; and
- work with peers to compete in state, national, and corporate technology problem-solving challenges.

In-Consortium students who live beyond the MCPS designated walking distance of their assigned school will be provided transportation from neighborhood bus stops. No transportation is provided for students living outside of the Consortium area.
Creative and Performing Arts

A. Mario Loiederman Middle School
12701 Goodhill Road
Silver Spring, MD 20906
301-929-2282
www.montgomeryschoolsmd.org/schools/loiedermanms/
www.montgomeryschoolsmd.org/schools/msmagnet/loiederman/

CREATIVE AND PERFORMING ARTS offers students in Grades 6, 7, and 8 a rigorous academic and fine arts program. Grade 6 students have the opportunity to take two electives, such as sixth grade chorus, beginning band, sixth grade band, Lights! Camera! Literacy!, and beginning dance. Our signature course for the sixth grade is called Perspectives, which consists of dance, theater, music, and art. The Perspectives course is a great opportunity to explore all art forms.

Admission to the program

Admission to A. Mario Loiederman Middle School for the Creative and Performing Arts is based on a lottery process. Students who live within the Argyle, Loiederman, and Parkland Consortium attendance area participate in the Choice process through their elementary schools in Grade 5. For Grade 5 students outside of the Consortium area, Choice forms will be available at all MCPS elementary schools, online at www.montgomeryschoolsmd.org/msmagnet/, or from the Division of Consortia Choice and Application Program Services, 301-592-2040.

Does your child like...

- Challenging courses in accelerated English, science, mathematics, social studies, and the arts?
- Singing, dancing, acting, speaking, reciting, or playing an instrument?
- Drawing, painting, or sculpting?
- Learning through movement?
- Discovering how the arts, history, and literature connect the human experience?
- Working behind the scenes at professional or student performances?
- Learning from teachers as artists and artists as teachers?
- Learning a foreign language while exploring the arts?

Consider applying to A. Mario Loiederman Middle School.

A. Mario Loiederman Middle School for the Creative and Performing Arts offers students in Grades 6, 7, and 8 a rigorous academic program, including accelerated mathematics and fine arts. All sixth grade students take a comprehensive arts course and, as seventh and eighth grade students, select from high-level fine arts electives in the areas of visual art, dance, film, theater, or music. Loiederman students have the unique opportunity to—

- explore a broad variety of art forms and develop specific talents and interests in the arts;
- experience the creative environment of a rigorous fine arts program,
- work with peers, artists, arts organizations, media outlets, and museums to produce live and multimedia performance; and
- perform in a variety of settings to develop and enhance artistry.

In-Consortium students who live beyond the MCPS designated walking distance of their assigned school will be provided transportation from neighborhood bus stops. Transportation is not provided for students living outside of the Consortium area.
Aerospace Technology

Parkland Middle School
4610 West Frankfort Drive
Rockville, MD 20853
301-438-5700
www.montgomeryschoolsmd.org/schools/parklandms/
www.montgomeryschoolsmd.org/schools/magnetms/parkland/

AEROSPACE TECHNOLOGY offers students in Grades 6, 7, and 8 a rigorous academic program with a focus in advanced and applied mathematics and science. All students take an interdisciplinary science and aerospace course each year with the goal of taking a high school science course in Grade 8.

Admission to the program

Admission to Parkland Middle School for Aerospace Technology is based on a lottery process. Students who live within the Argyle, Loiederman, and Parkland Consortium attendance area will participate in the Choice process through their elementary schools in Grade 5. For Grade 5 students outside of the Consortium area, Choice forms will be available at all MCPS elementary schools, online at www.montgomeryschoolsmd.org/schools/msmagnet/ or from the Division of Consortia Choice and Application Program Services, 301-592-2040.

Does your child have an interest in...

- Robots, space exploration, satellites, and flight technology?
- Learning by experimenting with the latest technology and equipment?
- Sharing the experience of competition with students from other states?
- Inventing and explaining new ideas and technologies?
- Solving engineering problems using science knowledge and technology?

Consider applying to Parkland Middle School.

Parkland Middle School for Aerospace Technology offers students in Grades 6, 7, and 8 a rigorous academic program with a focus in advanced and applied mathematics and science. All Grade 6 and Grade 7 students take enriched middle school science and aerospace courses. Grade 8 students take either Honors Physics for high school credit or they are enrolled in Investigations in Earth Space Systems. In addition to the required courses, students may choose to take the following elective courses: Astronomy and Space Exploration, Research in Astronomy, Principles of Flight, Introduction to Robotic Systems, Applied Robotic Engineering, Applied Robotic Programming, and Introduction to Engineering Design. Parkland students have the unique opportunity to—

- explore technology solutions in aerospace, satellite, and robotic engineering;
- experience a rigorous scientific environment involving team problem solving and research; and
- work with peers to engage in discovering solutions to aerospace challenges.

In-Consortium students who live beyond the MCPS designated walking distance of their assigned school will be provided transportation from neighborhood bus stops. No transportation is provided for students living outside of the Consortium area.
High School Application Programs

- Application Program
- Magnet Application Program

Montgomery Blair High School

Science, Mathematics, Computer Science Magnet Program

Grade 8 students residing in the following high school clusters and enrolled in Algebra I or higher: Bethesda-Chevy Chase, Blair, Blake, Churchill, Einstein, Kennedy, Walter Johnson, Richard Montgomery, Northwood, Paint Branch, Rockville, Sherwood, Springbrook, Wheaton, Whitman, Woodson can apply in the fall of Grade 8 for enrollment beginning in Grade 9. Students can only enter in Grade 9.

Phone: 301-649-8240

The Communication Arts Program (CAP)

Grade 8 students who are residents of the Downcounty Consortium (DCC) area or who currently attend middle school in the DCC are eligible to apply in the fall of Grade 8.

Phone: 301-649-2854

Thomas Edison High School of Technology

Technical and Career Education

Thomas Edison High School of Technology serves students from all MCPS high schools. Each year about 800 students take technical and career education courses for one half of each day at Thomas Edison and attend their regular high school the other half of the day. MCPS high school students are eligible to apply.

Phone: 240-740-2007

Albert Einstein High School

The Visual Art Center (VAC)

The program is open to all public and private school students in Montgomery County.

Phone: 240-740-2700

John F. Kennedy High School

Leadership Training Institute (LTI)

Grade 8 students who are residents of the Downcounty Consortium (DCC) area or who currently attend middle school in the DCC are eligible to apply in the fall of Grade 8.

Phone: 240-740-0113

Wheaton High School

Bioscience and Engineering (PLTW)

Grade 8 students who are residents of the Downcounty Consortium (DCC) area or who currently attend middle school in the DCC are eligible to apply in the fall of Grade 8.

Phone: 301-321-3315

High School Magnet Programs

Richard Montgomery High School

International Baccalaureate

Any Grade 8 student who is enrolled in Algebra I or higher and at least level 1 of French, Chinese, or Spanish and who currently lives in Montgomery County may apply in the fall of Grade 8 for enrollment beginning in Grade 9. Students outside the RMHS attendance area can only enter in Grade 9.

Phone: 301-610-8000

Pooleville High School

A Whole School Magnet

Global Ecology House

Grade 8 students enrolled in at least Algebra 1 or higher and currently residing in Montgomery County can apply in the fall of Grade 8 for enrollment beginning in Grade 9. Students can only enter in Grade 9.

Humansities House

Grade 8 students enrolled in Algebra I or higher and residing in the following high school clusters may apply: Clarksburg, Damascus, Gaithersburg, Magnuder, Northwest, Poolesville, Quince Orchard, Seneca Valley, Watkins Mill. Students can only enter in Grade 9.

Science, Mathematics, Computer Science House

Grade 8 students enrolled in Algebra I or higher and residing in the following high school clusters may apply: Clarksburg, Damascus, Gaithersburg, Magnuder, Northwest, Poolesville, Quince Orchard, Seneca Valley, Watkins Mill. Students can only enter in Grade 9.

Phone: 240-740-2419 (All Poolesville Houses)

Montgomery County Public Schools - Division of Long-range Planning - June 22, 2018
Local High School Programs

Science, Mathematics, Computer Science Magnet Program

International Baccalaureate Diploma Programme

A Whole-School Magnet

Visual Art Center

Thomas Edison High School of Technology

Career and Technology Education Pathway Programs

Foundations Office and Career Programs

Northeast and Downcounty Consortia

Attention Parents and Students: Some information may change after publication. Please visit www.montgomeryschoolsmd.org/curriculum/specialprograms/ or contact the school for the most current information on available programs.
Local High School Programs

Division of Accelerated and Enriched Instruction
240-740-3110
www.montgomeryschoolsmd.org/curriculum/enriched/

Mathematics Instruction
240-740-4001
www.montgomeryschoolsmd.org/curriculum/math/

English Instruction
240-740-4006
www.montgomeryschoolsmd.org/curriculum/english/

Science Instruction
240-740-4002
www.montgomeryschoolsmd.org/curriculum/science/

Social Studies Instruction
240-740-4008
www.montgomeryschoolsmd.org/curriculum/socialstudies/

ALL HIGH SCHOOLS have a variety of instructional and enrichment programs to meet the needs of students, including those who demonstrate high interest, motivation, and/or level of achievement in a particular area of study. At every grade level, all students should have opportunities to enrich and extend their learning, study and explore areas of interest, and collaborate with peers on challenging and rigorous tasks.

Contact Your Local School
To find out more about what your local high school offers, contact the school directly, visit the school’s website by searching for the school’s name from the MCPS home page or going to www.montgomeryschoolsmd.org/schools/ and selecting List of Schools at the top of the page. Each school uses a variety of instructional programming models to meet the needs of its students.

At every grade level, all students have opportunities to...

- Deepen and enrich their understanding of on-grade-level material;
- Extend and enrich their understanding of above-grade-level materials through Honors, IB, and AP courses;
- Study and explore areas of interest; and
- Collaborate with peers on challenging and rigorous tasks.

All high schools have a variety of instructional and enrichment programs to meet students’ needs. Here are some examples...

- Science, mathematics, writing, and performing and visual arts competitions
- Advanced Placement courses
- Honors courses
- International Baccalaureate (IB) Diploma Programme
- Themed Academy and Signature programs
- College partnerships
- Internships
- Career Pathway Programs
Science, Mathematics, Computer Science Magnet Program

Montgomery Blair High School
51 University Boulevard, East
Silver Spring, MD 20901
301-649-8240
www.mbhs.edu/departments/magnet

THE MONTGOMERY BLAIR Science, Mathematics, Computer Science Magnet Program offers an unparalleled breadth of courses and facilities. These include traditional high school offerings, Advanced Placement and Honors courses, unique opportunities with partners and mentors from research and business, and specialized magnet courses. A parent meeting is held in the fall at Blair High School, and application materials are available online at www.montgomeryschoolsmd.org/curriculum/special-programs/ and at all middle schools. All students applying to this program are required to complete a series of tests in December.

Admission to the program

Admission to the Montgomery Blair High School Science, Mathematics, Computer Science magnet program is competitive. To be eligible for the program, students must be enrolled in Algebra I or higher by Grade 8. Criteria used to evaluate candidates include teacher recommendations, written statements from candidates, previous grades, coursework, and a series of tests.

This program is open to students who reside in one of the following high school clusters: Bethesda-Chevy Chase, Churchill, Downcounty Consortium, Northeast Consortium, Walter Johnson, Richard Montgomery, Rockville, Sherwood, Whitman, or Wootton.

Montgomery Blair Magnet students...

• Complete independent research projects that have received semifinalist and finalist status in local and nationwide competitions?
• Build robotic devices, conduct experiments at Lake Needwood, and have even received a patent for an invention they designed?
• Participate in a three-day field experience at the Wallops Island Marine Science Consortium?

If these are the types of experiences and accomplishments you want, consider applying to the Science, Mathematics, Computer Science Magnet Program at Montgomery Blair High School.

The program offers students an unparalleled breadth of courses and facilities. These include traditional high school offerings, Advanced Placement and Honors courses, unique opportunities with partners and mentors from research and business, and specialized magnet courses such as the following:

• Introduction to Artificial Intelligence
• Origins of Science
• Robotics
• Computer Graphics and 3D Graphics
• Research Design
• Thermodynamics and Quantum Physics
• Plate Tectonics and Oceanography
• Introductory Genetics Analysis

MCPS provides transportation from central stops for students in the Blair HS magnet program from the areas that the program serves. Please refer to page 3 for more information regarding "central stops" transportation.
International Baccalaureate (IB) Magnet Program

Richard Montgomery High School
250 Richard Montgomery Drive
Rockville, MD 20852
301-610-8100
www.montgomeryschoolsmd.org/schools/rmhs/
www.montgomeryschoolsmd.org/curriculum/enriched

INTERNATIONAL BACCALAUREATE students at Richard Montgomery have access to specialized programming and activities in English, world languages, Individuals and Societies, mathematics, experimental sciences, Theory of Knowledge, and community service projects. A parent meeting is held in the fall at Richard Montgomery High School, and application materials are available online at www.montgomeryschoolsmd.org/curriculum/specialprograms/ and at all middle schools.

Admission to the program

Admission to the Richard Montgomery High School International Baccalaureate magnet program is competitive. Criteria used to evaluate candidates include teacher recommendations, written statements from candidates, previous grades, coursework, and a series of tests.

This program is open to applicants from all high school clusters in the county. To be eligible for the program, students must be enrolled in Algebra I or higher and Level I or higher of a world language by Grade 8. Native speakers of Spanish, French, or Chinese may also be eligible without the Level I world languages requirement.

Richard Montgomery IB students...

- Experience a rigorous academic program that promotes critical-thinking skills and depth of knowledge cross all academic disciplines.
- Write a 4,000-word extended essay in a research subject of their choosing, experience learning outside the classroom, and develop a sense of international-mindedness; skills that prepare them for university and beyond in an interconnected and globalized world.
- Excel in a wide variety of national competitions, based on academics, STEM research, and the arts.

Consider applying to the Richard Montgomery International Baccalaureate magnet program.

The IB diploma magnet program was developed in 1968 in Switzerland to ensure high-quality educational standards for students studying in international schools throughout the world. Students have access to specialized programming and activities in the following content areas:

- English
- World languages (Chinese, French, Spanish)
- Individuals and Societies (history, psychology, economics)
- Mathematics
- Experimental sciences (biology, physics, chemistry, environmental systems)
- Theory of knowledge
- The arts (music, visual arts, theater)

MCPS provides countywide transportation from central stops for Richard Montgomery HS International Baccalaureate program students. Please refer to page 3 for more information regarding “central stops” transportation.
HIGH SCHOOL PROGRAMS

A Whole-School Magnet

POOLESVILLE HIGH SCHOOL: A Whole-School Magnet, offers unique courses in three rigorous and exciting "houses": the Global Ecology House, the Humanities House, and the Science, Mathematics, Computer Science House. Application materials are available online at www.montgomeryschoolsmd.org/curriculum/specialprograms/ and at all middle schools. Admission to the program is competitive. A parent information meeting is held at Poolesville High School in the fall.

Admission to the program

Admission to one of the three magnet programs offered at Poolesville High School (PHS) is competitive. Criteria used to evaluate candidates include teacher recommendations, written statements from candidates, previous grades and coursework, a series of tests, and interests and achievements.

The Global Ecology program is open to applicants from any high school cluster in the county. To be eligible, students must be enrolled in Algebra I or higher by Grade 8.

The Humanities and Science, Mathematics, and Computer Science programs are open to applicants from the following high school clusters: Clarksburg, Damascus, Gaithersburg, Magruder, Northwest, Poolesville, Quince Orchard, Seneca Valley, and Watkins Mill. To be eligible, students must be enrolled in Algebra I or higher by Grade 8.

Poolesville Whole-School Magnet students...

- Explore historical and current issues related to the Earth's natural resources in the Global Ecology House;
- Examine complex, real-world problems while sharpening their creative and critical thinking skills in the Humanities House;
- Work with peers in the Humanities House; and
- Develop, deepen, and apply scientific research skills in the Science, Mathematics, Computer Science House.

Consider applying to one of the three magnet programs at Poolesville High School.

Each House offers a unique opportunity in coursework and facilities. Courses include traditional high school offerings, specialized House courses, Advanced Placement and Honors courses, and options to partner with mentors from research and business. Facilities include greenhouses; media production space; and science, engineering, and computer labs.

- The Global Ecology House (GEH) student will develop field, laboratory, and research skills in science and social studies to explore all aspects of the human impact on the natural environment.
- The Humanities House (HH) student will pursue rigorous humanities curricula with an interdisciplinary connection among English, social studies, communications, and fine arts. The HH student will be able to integrate critical thinking and deep research with oral and written communication skills.
- The Science, Mathematics, and Computer Science House (SMCSH) student will develop and deepen skills through rigorous science, mathematics, and computer science coursework. The SMCSH student will be prepared to answer real-life challenges with problem-solving skills, technical analysis, and laboratory investigations. SMCSH runs on an extended day schedule.

MCPS provides transportation from central stops for students in the Poolesville HS magnet programs from the high school clusters that the Humanities and Science, Mathematics, Computer Science programs serve. Please refer to page 3 for more information regarding "central stops" transportation.
Visual Art Center at
Albert Einstein High School
11135 Newport Mill Road
Kensington, MD 20890
240-740-2700 ext. 1080
www.montgomeryschoolsmd.org/schools/vac/

The Visual Art Center (VAC) program, housed at Albert Einstein High School, is a pre-college portfolio-development program. VAC students develop a broad understanding of opportunities in the visual arts, design, and media-related careers. The VAC has a four-year curriculum building skills from directed assignments related to the Elements & Principles of Design toward independent creative research and art production. During junior and senior years, VAC students undertake submission of two different AP Studio Art Portfolio exams for college credit while studying at VAC. VAC seniors use their portfolios to earn scholarship and to gain entrance to universities, liberal arts colleges, or art school programs. VAC students pursue college studies in animation, fashion design, film, fine art, graphic design, illustration, new media, web design and other academic majors. Admission to the VAC at Einstein High School is through a competitive application process (www.montgomeryschoolsmd.org/schools/vac/).

The VAC Program is open to applicants from any county high school cluster. Students are encouraged to apply as 8th graders, but the VAC is open to 9–11th grade applicants.

Admission to the program
Admission to the program Admission to the MCPS Visual Art Center (VAC) housed at Albert Einstein High School is competitive. “The VAC Application Day” Criterion used to evaluate candidates, include: a review of a student’s artwork or portfolio, one on-site drawing activity, a personal interview, a teacher recommendation, and a recent student transcript showing scholastic achievement. This program is open to applicants from all high school clusters in the county. Students may opt to be “cross-scheduled” and take a combination of courses at their home high school and the VAC (transportation is not provided) or they may opt to transfer to Albert Einstein High School.

Did you know that VAC students...

- Receive a strong classical foundation in drawing, painting, design principles, and art history?
- Build a strong visual arts portfolio for college application and Advanced Placement credit as 95 percent of students complete two AP Studio Art Portfolio exams while studying at VAC.
- Have received national recognition from the Scholastics Art & Writing Awards and the NFAA Young Arts competitions for more than 40 years.
- Have won thousands of local, regional, and national awards and earned more than $32 million in scholarships to some of the country’s most prestigious universities, liberal arts colleges, and art schools over the last 18 years?

Consider applying to the Visual Art Center housed at Albert Einstein High School.

The VAC offers students a broader perspective of the visual arts and a better understanding of the opportunities for art/design related careers through exposure to contemporary art issues, artists/designers, art history and with awareness of the ever-changing world of technologies. The VAC has a rigorous, comprehensive 4-year curriculum directed toward “portfolio development” enabling students to realize and achieve their full potential in visual art. Lessons consist of lectures, demonstrations, slide presentations, studio activities, exploration of “new media,” assigned research, group critiques and student participation in a creative “small learning” community. All graduating VAC students go on to college and 30 percent pursue higher education in commercial design, cyber/tech design, or the visual arts.

MCPS transportation is NOT provided.
Thomas Edison High School of Technology

THOMAS EDISON HIGH SCHOOL OF TECHNOLOGY (TEHST) offers Career and Technology Education (CTE) programs of study (POS) which are available to students enrolled in all MCPS high schools. Accepted students attend TEHST every day for three class periods (2 hr. 15 mins.) and attend their co-enrolled comprehensive high school for the remaining periods in order to complete high school graduation requirements and participate in extracurricular activities. TEHST offers 17 highly specialized and rigorous professional CPP programs. For further information, please visit the website at www.montgomeryschoolsmd.org/schools/edison/index.aspx and/or contact Thomas Edison at 240-740-2039.

Admission to the program

Admission to the programs at Thomas Edison High School of Technology (TEHST) POS is by application only. For further information, please visit the website at www.montgomeryschoolsmd.org/schools/edison/ or contact the counseling office at 240-740-2007.

Bus transportation is provided from all MCPS high schools.
The Career and Technology Education Programs of Study (POS) prepare MCPS students for college and careers. All comprehensive high schools and the Thomas Edison High School of Technology (TEHST) provide a variety of POS that engage students in a 4-credit sequence of courses. Students have the opportunity to earn college credit, participate in paid or unpaid internships, and network with members of the business community. Examples of POS include Biotechnology, Early Childhood Development, Engineering, Multimedia, Professional Restaurant Management, Marketing, Accounting, Medical Careers, and Network Operations. The full listing of the POS, the 11 related career clusters, and information about business partnerships and advisory boards are available at www.montgomeryschoolsmd.org/curriculum/careerprograms/index.aspx.

Admission to the program

Admission to the Academy of Health Professionals (AOHP) program requires an application. To obtain information about program locations and entrance requirements, please call 240-740-2050.

The Montgomery County Student Foundations Office provides MSDE-approved career programs of study (POS) related to the Automotive, Construction, Computer Science, and Information Technology industries. Industry certifications are earned by students in each of the foundation programs as they prepare for postsecondary education and/or a full range of careers within each industry.

These program areas are supported by three separate non-profit educational foundations, which serve as a resource for students in each of these programs. The Foundations Office serves as a liaison between the business/professional community and MCPS.

For more information about any of these programs, contact the Foundations Office at 240-740-2050 or visit www.foundationsoffice.org/.
Choice Programs for Students Living in the Northeast Consortium

The Northeast Consortium (NEC) is made up of three high schools: James Hubert Blake, Paint Branch, and Springbrook, five middle schools, and their feeder elementary schools. Each high school offers a unique Signature program. Signature programs are instructional programs developed around a central theme that appeal to students’ interests. Grade 8 students who live in the NEC participate in a lottery Choice process for assignment to an NEC high school. Grade 8 students who attend an NEC middle school but live outside the NEC may also participate in the lottery Choice process for assignment to an NEC high school.

For more information, visit www.montgomeryschoolsmd.org/schools/nec/.

James Hubert Blake High School
300 Norwood Road
Silver Spring, MD 20905
240-740-1400
www.montgomeryschoolsmd.org/schools/blakehs/

Paint Branch High School
14121 Old Columbia Pike
Burtonsville, MD 20866
301-388-9900
www.montgomeryschoolsmd.org/schools/paintbranchhs/

Springbrook High School
201 Valleybrook Drive
Silver Spring, MD 20904
240-740-3800
www.montgomeryschoolsmd.org/schools/springbrookhs/

Grade 8 students who live in or attend an NEC middle school participate in a lottery Choice process for assignment to an NEC high school.

For information, visit www.montgomeryschoolsmd.org/schools/nec/.

Contact Your Local School

To find out more about what your local middle school offers, contact the school directly or visit each school’s website by searching for the school’s name from the MCPS home page or going to www.montgomeryschoolsmd.org/schools/ and selecting List of Schools at the top of the page. Each school uses a variety of instructional programming models to meet the needs of its students.

Northeast Consortium students…

- Attend one of three high schools: James Hubert Blake, Paint Branch, or Springbrook?
- Rank their preference of high school through the lottery Choice process?
- Participate in unique Signature programs and academies designed to connect their interests with rigorous academic programs in preparation for college and future careers?

NEC high school Signature programs are as follows:

<table>
<thead>
<tr>
<th>School</th>
<th>Signature Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blake</td>
<td>Fine Arts and Humanities</td>
</tr>
<tr>
<td>Paint Branch</td>
<td>Science and Media</td>
</tr>
<tr>
<td>Springbrook</td>
<td>IB World and Information Technology</td>
</tr>
</tbody>
</table>

Visit the Signature programs link found on each school’s website for more details.

MCPS provides transportation to NEC students who live beyond walking distance of their assigned NEC school, as determined by MCPS. Central stop transportation is provided for Sherwood students who participate in the International Baccalaureate (IB) Program at Springbrook.
Choice Programs for Students Living in the Downcounty Consortium

The Downcounty Consortium (DCC) is made up of five high schools: Montgomery Blair, Albert Einstein, John F. Kennedy, Northwood, and Wheaton and nine middle schools and their feeder elementary schools. Each DCC high school offers a variety of academies to provide smaller learning communities and engage students through their interests. Grade 8 students who live in the DCC participate in a lottery Choice process for assignment to a DCC high school. Grade 8 students who attend a DCC middle school but reside outside the DCC are also eligible to participate in the lottery Choice process for assignment to a DCC high school.

For More Information visit www.montgomeryschoolsmd.org/schools/downcounty/.

Montgomery Blair High School
51 University Boulevard East, Silver Spring, MD 20901
301-649-2800
www.mbhs.edu

Albert Einstein High School
11135 Newport Mill Road, Kensington, MD 20895
240-740-2700
www.montgomeryschoolsmd.org/schools/einsteinhs/

John F. Kennedy High School
1901 Randolph Road, Silver Spring, MD 20902
240-740-0100
www.montgomeryschoolsmd.org/schools/kennedyhs/

Northwood High School
919 University Boulevard West, Silver Spring, MD 20901
301-649-8088
www.montgomeryschoolsmd.org/schools/northwoodhs/

Wheaton High School
12401 Dalewood Drive, Silver Spring, MD 20906
301-321-3400
www.montgomeryschoolsmd.org/schools/wheatonhs/

Downcounty Consortium High School Academies

Montgomery Blair:
- Entrepreneurship and Business Management
- Human Service Professions
- International Studies and Law
- Media, Music, and the Arts
- Science, Technology, Engineering, Math

Albert Einstein:
- Finance, Business Management, and Marketing
- International Baccalaureate (IB) Diploma Programme
- Renaissance
- Visual and Performing Arts

John F. Kennedy:
- International Baccalaureate (IB) Diploma Programme
- Business Administration and Management Academy
- Broadcast Journalism & Communication
- Naval Junior Reserve Officer Training Corps (NJROTC)

Northwood:
- Finance, Accounting, Marketing & Education
- Humanities, Arts, and Media
- Musical Theatre and Dance
- Politics, Advocacy, and Law
- Technological, Environmental, and Systems Sciences
- Montgomery College Middle College (MC2@N)

Wheaton:
- Bioscience
- Engineering
- Global Studies Academy—Art, Music, Drama, and Humanities; Global Studies; World Languages
- Information Technology—Programming and Web Design, Information Resource Design

Visit the Academy programs link found on each school’s website for more details.

MCPS provides transportation to DCC residents who live beyond walking distance of their assigned DCC school, as determined by MCPS.
Did you know that Downcounty Consortium students...

• Attend one of five high schools: Montgomery Blair, Albert Einstein, John F. Kennedy, Northwood, or Wheaton?
• Rank their preference of high school through the lottery Choice process?
• Participate in unique academy programs designed to connect their interests with rigorous academic programs in preparation for college and future careers?

Grade 8 students who live in the DCC and interested Grade 8 students who attend a DCC middle school participate in a lottery Choice process for assignment to a DCC high school.

For more information, visit www.montgomeryschoolsmd.org/schools/downcounty/.

Application-only Programs within the Downcounty Consortium

• Communication Arts Program (CAP) at Blair HS is available to all students who reside in the DCC and/or attend a DCC middle school*.
• Visual Art Center (VAC) at Einstein HS is available to all students who reside in Montgomery County.
• Leadership Training Institute (LTI) at Kennedy HS is available to students who reside in the DCC and/or attend a DCC middle school.
• The Engineering and Biomedical Program (PLTW) at Wheaton HS is available to all students who reside in the DCC and/or attend a DCC middle school.
• Science, Mathematics, Computer Science Magnet Program at Blair High School is available to students who reside in one of the following high school clusters: Bethesda-Chevy Chase, Churchill, the Downcounty Consortium, the Northeast Consortium, Walter Johnson, Richard Montgomery, Rockville, Sherwood, Whitman, or Wootton.

*The application process includes both a writing sample and a writing test.

For more information visit www.montgomeryschoolsmd.org/curriculum/specialprograms.
College and Career Pathway Options

**Program Site**

- **Clarksburg High School**
  - Pathways in Technology in Network and Information Technology
  - Grade 8 students residing in the following high school clusters: Clarksburg, Damascus, Seneca Valley, and Watkins Mill can apply in the fall of Grade 8 for enrollment beginning in Grade 9. Students can only enter in Grade 9.

- **Gaithersburg High School**
  - Project Lead the Way (PLTW) Biomedical Sciences
  - Grade 8 students residing in the following high school clusters: Clarksburg, Damascus, Gaithersburg, Magruder, and Sherwood can apply in the fall of Grade 8 for enrollment beginning in Grade 9. Students can only enter in Grade 9.

- **Magruder High School**
  - Aviation and Aerospace
  - Grade 8 students residing in the following high school clusters: Gaithersburg, Magruder, Rockville, Sherwood can apply in the fall of Grade 8 for enrollment beginning in Grade 9. Students can only enter in Grade 9.

- **Watkins Mill High School**
  - International Baccalaureate (IB) Career-related Programme
  - Grade 8 students residing in the following high school clusters: Clarksburg, Damascus, Gaithersburg, Seneca Valley, and Watkins Mill can apply in the fall of Grade 8 for enrollment beginning in Grade 9. Students can only enter in Grade 9.

- **Northwest High School**
  - Middle College
  - Grade 8 students residing in the following high school clusters: Clarksburg, Damascus, Gaithersburg, Magruder, Northwest, Poolesville, Quince Orchard, Seneca Valley, and Watkins Mill can apply in the fall of Grade 8 for enrollment beginning in Grade 9. Students can only enter in Grade 9.

  There are costs to parents for Middle College programs.

- **Northwood High School**
  - Middle College
  - Grade 8 students residing in the following high school clusters: Bethesda-Chevy Chase, Blair, Blake, Churchill, Einstein, Kennedy, Northwood, Paint Branch, Richard Montgomery, Rockville, Shawnee, Springbrook, Walter Johnson, Wheaton, Whitman and Wootton can apply in the fall of Grade 8 for enrollment beginning in Grade 9. Students can only enter in Grade 9.

  There are costs to parents for Middle College programs.

- **Montgomery College - Germantown**
  - Fire & Rescue Training Academy

- **Northwood High School**
  - Middle College

- **Montgomery College - Silver Spring/Takoma Park**
  - Early College, Associate Degree Programs offered at each Montgomery College campus as follows:
    - Business, Secondary Math (Teaching), and Science degrees @Rockville Campus;
    - Computer Science, and Cybersecurity degrees @Germantown Campus;
    - Life Science, and Nursing degrees @Takoma Park/Silver Spring Campus.

  Grade 10 students residing in the county can apply in the fall of Grade 10 for enrollment beginning summer before Grade 11. Students can only enter in Grade 10. Transportation is the responsibility of the student/family.

  There are some costs to some parents for Early College programs.

www.montgomeryschoolsmd.org/curriculum/specialprograms
Aviation and Aerospace@Col. Zadok Magruder HS

Early College Program

Fire Science and Rescue Program @Public Safety Training Academy

IB Careers@Watkins Mill HS

Middle College Program @ Northwest HS

Middle College Program @ Northwood HS

Pathways in Network and Information Technology Clarksburg High School

PLTW Biomedical Sciences at Gaithersburg HS
Aviation and Aerospace Career Program

Col. Zadok Magruder HS
5939 Muncaster Mill Road
Rockville, MD 20855
301-840-4600
www.montgomeryschoolsmd.org/schools/magruderhs/
Contact: Michael_C_Smith@mcpsmd.org
Andrew_R_Brown@mcpsmd.org

The COL. ZADOK MAGRUDER AVIATION AND AEROSPACE program is a full-time program beginning in the 9th grade for students interested in flight and aircraft systems. Students have two pathways from which to choose, both of which align to rigorous math and science standards. The pilot pathway introduces students to safety, aerodynamics, aircraft systems, instrumentation, flight physiology and flight planning and students can earn a private pilot’s license. The Unmanned Aircraft Systems pathway exposes student to “drones” as they are used in operations such as security, search and rescue, disaster management, drone design and maintenance programming, and systems automation. Students can earn a remote pilot certificate.

Admission to the program

This program is open to Grade 8 students who reside in the Magruder High School cluster, and a limited number of students from the following high school clusters are eligible to apply: Gaithersburg, Rockville, and Sherwood. The program begins in Grade 9.

Magruder Aviation students...

• Complete hands on projects that relate to Aviation techniques and practices that are used in the aviation fields
• Build gliders, parachutes, hot air balloons, work with flight simulations, UAS flight
• Participate in panel discussions and field trips

If these are the types of experiences and accomplishments you want, consider applying to the Science, Mathematics, Computer Science and PLTW Programs at Magruder High School.

The program offers students an unparalleled breadth of courses and facilities. These include traditional high school offerings, Advanced Placement and Honors courses, unique opportunities with partners and mentors from research and business, and specialized magnet courses such as the following:

• Principles of Aviation and Aerospace
• Exploring Aviation and Aerospace
• Introduction to Flight
• Aircraft Systems
• Pilot Fundamentals
• Aviation Safety
• Certifications
• Private Pilot license
• Remote Pilot certificate

MCPS provides transportation to Magruder HS from central stops for students in the Magruder HS program from the areas that the program serves. Please refer to page 3 for more information regarding “central stops” transportation.
Early College Program

montgomeryschoolsmd.org/curriculum/partnerships/dual-enrollment.aspx

THE EARLY COLLEGE Program offers an unparalleled higher education experience to high school students exclusively on the college campus as students work to earn both a Maryland high school diploma and one of several associate degrees from Montgomery College. Associate degree options include: Associate of Applied Science in Cybersecurity, Diagnostic Medical Sonography, Physical Therapist Assistant, Radiologic (X-Ray) Technology, and/or Surgical Technology; Associate of Art in Computer Science and Technologies, Business, or Secondary Education Mathematics; and an Associate of Science—Biological Science, Mathematics, and/ or Nursing. The Early College Program is open to college ready students attending any MCPS high school. Students must be in Grade 10 to apply. Additional requirements may be required depending on degree program selected.

Admission to the program

Admission to the Early College program is competitive. To be eligible for the program, students must be in Grade 10 and have an unweighted GPA of 2.75 or higher at the time of application. Additional requirements may be necessary depending on the degree program selected. A lottery is conducted for enrollment.

The Early College Program is open to college ready students attending any MCPS high school.

Early College students…

• Complete both a Maryland high school diploma and an Associate Degree at the same time
• Build experiences, success, learning, and support groups to last a lifetime
• Participate in college and high school courses, while preparing for the workforce or additional higher education credentials

If these are the types of experiences and accomplishments you want, consider applying to the Early College Program.

The program offers students an unparalleled breadth of courses and facilities exclusively on the college campus. Students work toward successfully earning both a Maryland high school diploma and one of several high demand associate degrees from Montgomery College. Course selection depends on the specific college major selected by the student.

MCPS provides transportation to the Montgomery College Rockville campus from central stops for all Early College students. Please refer to page 3 for more information regarding “central stops” transportation. Additionally, students enrolled in the Early College Program may ride the RideOn and MC bus systems.
Fire Science and Rescue Program @ Public Safety Training Academy

Montgomery County Fire and Rescue Service Public Safety Training Academy
8751 Snouffer School Road
Gaithersburg, MD 20879
https://www.montgomerycountymd.gov/mcfrs-psta/

THE NEW FIRE SCIENCE AND RESCUE program prepares juniors and seniors for a variety of careers in fire prevention, management, and emergency medical technology. Students will divide their time between their home high school and the Public Safety Training Academy. MCPS will provide transportation to the Training Academy from the home high school. To apply students must attend one of the following high schools: Clarksburg, Damascus, Gaithersburg, Magruder, Seneca Valley, and Watkins Mill.

Admission to the program

The program is open to all students. This is a two-year program, so students may attend during their junior and/or senior year. Minimum age for participation is 16 years old. Please note that seats are limited. If more requests for seats occur, a lottery will be conducted. The program begins in Grade 11.

Upon completion of the Program, Fire Science and Rescue cadets will be able to...

• Identify the fundamentals of firefighting, hazardous materials operations, and Emergency Medical Technician.
• Analyze a hazardous materials incident, plan an initial response, implement the response, and evaluate the progress of the actions taken.
• Apply the principles of fire behavior; building construction; water distribution systems; fixed fire protection systems; ventilation; hose streams; fire prevention; and inspections, ladders, and rescue techniques.
• Recognize, assess, and manage medical and trauma signs and symptoms in patients in emergency situations; determine and use appropriate equipment for patient management and care; communicate and work with other emergency service personnel in the care, transport, and transfer of patients; and maintain patient and department records.

If these are the types of experiences and knowledge you want, consider the Fire Science and Rescue Program.

This program offers students an hands-on, physically demanding experience and have the potential to contribute positively to their community. Unlike traditional high school courses, the leadership and real-world experiences gained during such programs influence student personal, professional and physical growth. Successful completion of all coursework and required examinations will qualify students for the following certification/licensure:

• Firefighter I and II
• Hazardous Material Awareness and Operations
• Emergency Medical Technician

MCPS provides limited transportation from each of the eligible schools Clarksburg, Damascus, Gaithersburg, Magruder, Seneca Valley, and Watkins Mill to the PTSA and will return students in time for dismissal at their home school. Transportation is the responsibility of the family from all other schools.
International Baccalaureate Career-Related Program at Watkins Mill HS

Watkins Mill High School
10301 Apple Ridge Road
Gaithersburg, MD 20879
301-284-4400

The WATKINS MILL IB CAREER-RELATED Program (IBCP) offers an unparalleled breadth of courses and facilities. The Personal and Professional Skills course aims to develop responsibility, practical problem-solving, good intellectual habits, ethical understanding, and perspective of the complexity of the modern world. Service Learning is the practical application of knowledge and skills toward meeting and identified community need. Language Developments ensures that all CP students have access and exposure to a second language. The opportunity to learn a second language is a central tenet of an IB education and increases students’ understanding of the wider world. The Reflective Project is an in-depth body of work produced over an extended period in which students research, identify, analyze, discuss and evaluate an ethical dilemma associated with an issue from their career-related studies. Students in Grade 9 and 10 begin this journey with the IB Middle Years Programme (MYP) which is a challenging framework that encourages students to make practical connections between their studies and the real world.

Admission to the program

This program is open to Grade 8 students who reside in one of the following high school clusters: Clarksburg, Damascus, Gaithersburg, Seneca Valley, and Watkins Mill. The program begins in Grade 9. Students who are interested in applying to the program must register for and successfully complete the required program pathway courses each year.

The program is open to Grade 8 students attending a Watkins Mill High School feeder middle school and will be given preference with respect to the admissions process. In addition, students within the Clarksburg, Damascus, Gaithersburg and Seneca Valley high school clusters are also eligible to apply.

IB Career Related Program Magnet students...

• Complete two or more Diploma Programme courses in any of the subject groups: studies in language and literature, language acquisition, individuals and societies, science, mathematics and the arts. CP students should choose the DP courses that are relevant to their career-related studies and academic interests. Build
• Participate in practical, real-world approaches to learning designed to prepare them for higher education, and internship or apprenticeship, or a position in a designed field
• Develop personal qualities and professional skills, as well as intellectual habits required for lifelong learning.

If these are the types of experiences and accomplishments you want, consider applying to the IB Career Related Programs at Watkins Mill High School.

Watkins Mill High School career-related studies include:
• Academy of Finance
• Hospitality Management
• Academy of Health Professions and Bioscience
• Early Child Development
• Computer Science/Code.org
• Project Lead the Way (PLTW): Advanced Engineering

To learn more about the IBCP at Watkins Mill: http://www.montgomeryschoolsmd.org/schools/watkinsmilhhs/

MCPS provides transportation to Watkins Mill HS stops for students in the Watkins Mill IB Career-Related Programme from the areas that the program serves. Please refer to page 3 for more information regarding "central stops" transportation.
Middle College Program @ Northwest HS

Northwest High School
13501 Richter Farm Road
Germantown, MD 20874
301-601-4660
www.montgomeryschoolsmd.org/schools/northwesths

THE NORTHWEST HIGH SCHOOL MIDDLE COLLEGE Program offers a unique set of courses that culminate in both a Maryland high school diploma and either an Associate of Arts in General Studies or an Associate of Science in General Engineering from Montgomery College. Courses include traditional high school offerings, Advanced Placement and Honors courses, and college courses. Students selecting the Associate of Arts in General Studies may also select a core field of study in STEM (Sciences, Technology, Engineering, and Mathematics), HACL (Humanities, Arts, Communication, and Languages), or SSAH (Social Science, Administration, and Health). Students must be in Grade 8 to apply.

Admission to the program

Admission to the Northwest High School Middle College program is competitive. To be eligible for the program, students must be in Grade 8. A lottery is conducted for enrollment.

This program is open to Northwest High School students and a limited number of seats are available to those who reside in one of the following high school clusters: Clarksburg Damascus, Gaithersburg, Magruder, Poolesville, Quince Orchard, Seneca Valley, and Watkins Mill.

Northwest Middle College students...

• Earn college credit towards the completion of both a Maryland high school diploma and an Associate Degree at the same time
• Build experiences, successes, learning, and support groups to last a lifetime
• Participate in college and high school courses, while preparing for the workforce or additional higher education credentials

If these are the types of experiences and accomplishments you want, consider applying to the Middle College Program at Northwest High School.

The program offers students a unique set of courses and experiences. These include traditional high school offerings, Advanced Placement and Honors courses, and college courses such as the following:

World music, sociology, political science, biology, chemistry, engineering design, mathematics, anthropology, thermodynamics, digital logic, and others depending on the General Studies Core selected by the student.

MCPS provides transportation from central stops for students in the Northwest HS Middle College program from within the Northwest area determined by MCPS transportation. Please refer to page 3 for more information regarding “central stops” transportation.
Middle College Program @ Northwood HS

Northwood High School
919 University Boulevard, West
Silver Spring, Maryland 20901
301-649-8088
www.montgomeryschoolsmd.org/schools/northwoodhs

THE NORTHWOOD HIGH SCHOOL MIDDLE COLLEGE Program offers a range of courses that culminate in both a Maryland high school diploma and an Associate of Arts degree from Montgomery College. Courses include traditional high school offerings, Advanced Placement and Honors courses, and college courses. Students may choose a core field of study in STEM (Sciences, Technology, Engineering, and Mathematics), HACL (Humanities, Arts, Communication, and Languages), or SSAH (Social Science, Administration, and Health). Students must be in Grade 8 to apply.

Admission to the program

Admission to the Northwood High School Middle College program is competitive. To be eligible for the program, students must be in Grade 8. A lottery is conducted for enrollment.

This program is open to students assigned to Northwood High School and a limited number of seats are available to those who reside in one of the following high school clusters: Bethesda-Chevy Chase, Churchill, Downcounty Consortium, Northeast Consortium, Walter Johnson, Richard Montgomery, Rockville, Sherwood, Whitman, or Wootton.

Northwood Middle College students…

- Earn college credit towards the completion of both a Maryland high school diploma and an Associate Degree at the same time
- Build experiences, successes, learning, and support groups to last a lifetime
- Participate in college and high school courses, while preparing for the workforce or additional higher education credentials

If these are the types of experiences and accomplishments you want, consider applying to the Middle College Program at Northwood High School.

The program offers students an unmatched range of courses. These include traditional high school offerings, Advanced Placement and Honors courses, and college courses such as the following:

World music, sociology, political science, biology, chemistry, dance, computer programming, anthropology, business, economics, mathematics, and others depending on the General Studies Core selected by the student.

MCPS provides transportation from central stops for students in the Northwood HS Middle College program from those within the DCC. Please refer to page 3 for more information regarding “central stops” transportation.
The CLARKSBURG PATHWAYS IN NETWORK AND INFORMATION TECHNOLOGY PROGRAM (P-TECH) is a dual enrollment program that enables participating students to earn both an MCPS high school diploma and an Associate of Applied Science (AAS) degree from Montgomery College for FREE while in high school. Students will complete their high school diploma credits while earning the AAS degree in 4 to 6 years. The AAS degree will ensure that students will meet industry expectations and gain technical skills and workplace competencies as well as industry certifications. Skills acquired include software and hardware installation, network and security configuration, forensics fundamentals, virtualization and cloud computing.

Admission to the Program
This program is exclusively offered at Clarksburg High School, and the only entry point for this program is at the beginning of ninth grade. Students admitted to the program must register for and successfully complete the required program pathway courses each year.

The program is open to Grade 8 students attending a Clarksburg High School feeder middle school and will be given preference with respect to the admissions process. However, students within the Seneca Valley, Damascus, and Watkins Mill high school clusters are also eligible to apply. The program begins in Grade 9.

Clarksburg P-TECH students...

- Complete a rigorous high school technical program including several college courses as part of the Program of Study. Students also take college courses on Montgomery College’s Germantown campus to complete the AAS degree while in high school.
- Build technical skills and expertise while completing the microcomputer, networking and security program courses. Students apply these skills in projects and certification exams as well as in internship experiences.
- Participate in Summer Bridge Programs and all activities of the Network Operations courses at Clarksburg, including student computer refurbishment business and sales.

If these are the types of experiences and accomplishments you want, consider applying to the P-TECH Program at Clarksburg High School.

The program offers students an unparalleled breadth of courses and facilities. These include traditional high school offerings, Advanced Placement and Honors courses, unique opportunities with partners and mentors from research and business, and specialized pathway and college courses such as the following:

- Network Operations 1 and 2
- Introduction to the Internet of Things (IoT)
- Network Forensics

MCPS provides transportation from central stops for students in the P-TECH program who reside outside of the Clarksburg High School area. Please refer to page 3 for more information regarding “central stops” transportation.
**Project Lead The Way (PLTW) Biomedical Sciences Program**

**Gaithersburg High School**  
101 Education Boulevard  
Gaithersburg, MD 20877  
301-284-4500  
https://www.montgomeryschoolsmd.org/schools/gaithersburghs/pltw.aspx

The GAITHERSBURG PLTW BIOMEDICAL SCIENCES program empowers students to build skills and knowledge in biomedical science. This intense program of study focuses on critical thinking and problem solving while providing the opportunity to engage in compelling, hands-on activities using the same tools and techniques as professionals. The program also emphasizes communication and collaboration among peers.

**Admission to the program**

This program is offered at Gaithersburg High School, and the only entry point for this program is in ninth grade. Grade 8 students who are interested in applying to the program must register for and successfully complete the required program pathway courses each year.

The program is open to Grade 8 students attending a Gaithersburg High School feeder middle school and will be given preference with respect to the admissions process. In addition, students within the Clarksburg, Damascus, Magruder and Sherwood high school clusters are also eligible to apply. The program begins in Grade 9.

**Gaithersburg PLTW Biomedical Sciences students**

- Complete a rigorous sequence of courses over the four years in high school
- Build knowledge on a range of topics in biotechnology and medicine
- Participate in extensive hands-on activities using the same equipment as biomedical researchers

**If these are the types of experiences and accomplishments you want, consider applying to the PLTW Biomedical Sciences Program at Gaithersburg High School.**

The program offers students an unparalleled breadth of courses and facilities. These include traditional high school offerings, Advanced Placement and Honors courses, and unique opportunities with partners and mentors from research and business, and specialized magnet courses. Gaithersburg PLTW Biomedical Science program consists of four core classes (one each year):

- Principles of Biomedical Science - In the introductory course, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person.
- Human Body Systems - Students examine the interactions of human body systems. Exploring science in action; students build organs and tissues on a skeletal Maniken®.
- Medical Interventions - Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease.
- Biomedical Innovations - In the final course, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century.

In addition to the core classes students are part of a special biology class of only PLTW students during their freshman year which moves at a faster pace, covers a broader range of topics and is designed to complement their PLTW courses. Students may also take an AP Biology course designed specifically for Biomedical Science students.

**MCPS provides transportation to Gaithersburg HS central stops for students in the Gaithersburg HS PLTW program from the areas that the program serves. Please refer to page 3 for more information regarding “central stops” transportation.**
MCPS NONDISCRIMINATION STATEMENT

Montgomery County Public Schools (MCPS) prohibits illegal discrimination based on race, ethnicity, color, ancestry, national origin, religion, immigration status, sex, gender, gender identity, gender expression, sexual orientation, family/parental status, marital status, age, physical or mental disability, poverty and socioeconomic status, language, or other legally or constitutionally protected attributes or affiliations. Discrimination undermines our community’s long-standing efforts to create, foster, and promote equity, inclusion, and acceptance for all. Some examples of discrimination include acts of hate, violence, insensitivity, harassment, bullying, disrespect, or retaliation. For more information, please review Montgomery County Board of Education Policy ACA, Nondiscrimination, Equity, and Cultural Proficiency. This Policy affirms the Board’s belief that each and every student matters, and in particular, that educational outcomes should never be predictable by any individual’s actual or perceived personal characteristics. The Policy also recognizes that equity requires proactive steps to identify and redress implicit biases, practices that have an unjustified disparate impact, and structural and institutional barriers that impede equality of educational or employment opportunities.

For inquiries or complaints about discrimination against MCPS staff *
Office of Employee Engagement and Labor Relations
Department of Compliance and Investigations
850 Hungerford Drive, Room 55
Rockville, MD 20850
240-740-2888
OCOO-EmployeeEngagement@mcpsmd.org

For inquiries or complaints about discrimination against MCPS students *
Office of School Administration Compliance Unit
850 Hungerford Drive, Room 162
Rockville, MD 20850
240-740-3215
COS-SchoolAdministration@mcpsmd.org

*Inquiries, complaints, or requests for accommodations for students with disabilities also may be directed to the supervisor of the Office of Special Education, Resolution and Compliance Unit, at 240-740-3230. Inquiries regarding accommodations or modifications for staff may be directed to the Office of Employee Engagement and Labor Relations, Department of Compliance and Investigations, at 240-740-2888. In addition, discrimination complaints may be filed with other agencies, such as: the U.S. Equal Employment Opportunity Commission, Baltimore Field Office, City Crescent Bldg., 10 S. Howard Street, Third Floor, Baltimore, MD 21201, 1-800-669-4000, 1-800-669-6820 (TTY); or U.S. Department of Education, Office for Civil Rights, Lyndon Baines Johnson Dept. of Education Bldg., 400 Maryland Avenue, SW, Washington, DC 20202-1100, 1-800-421-3481, 1-800-877-8339 (TDD), OCR@ed.gov, or www2.ed.gov/about/offices/list/ocr/complaintintro.html.

This document is available, upon request, in languages other than English and in an alternate format under the Americans with Disabilities Act, by contacting the MCPS Department of Public Information and Web Services at 240-740-2837, 1-800-735-2258 (Maryland Relay), or PIO@mcpsmd.org. Individuals who need sign language interpretation or cued speech transliteration may contact the MCPS Office of Interpreting Services at 240-740-1800, 301-637-2958 (VP) or MCPSInterpretingServices@mcpsmd.org. MCPS also provides equal access to the Boy/Girl Scouts and other designated youth groups.

Published by the Department of Materials Management for the Division of Consortia Choice and Application Program Services

0006.19ct • EDITORIAL, GRAPHICS & PUBLISHING SERVICES • 10.18 • NP