



# Magnet Programs

Elementary, Middle, and High  
School programs available



(443) 809-4127

[Magnet@bcps.org](mailto:Magnet@bcps.org)

[www.tinyurl.com/BCPSmagnet](http://www.tinyurl.com/BCPSmagnet)

## **Available inside:**

**Application & Admission Information**

**Program Descriptions**

**Transportation Information**

**School Web Site Links**

**Multiple Languages  
Available Online**

2022-2023 School Year  
**Application Deadline:**  
**November 5, 2021**



# What are Magnet Programs?

Magnet programs are theme-oriented programs that must be accessed through the magnet application process. They provide in depth experiences and distinct choices for students with diverse interests, talents, and aptitudes. All magnet programs fulfill Baltimore County Public Schools' requirements for promotion and graduation.

### Who is eligible for a magnet program placement?

Students who are eligible to attend a Baltimore County public school may apply. Students must be entering the appropriate grade level for the year of application: kindergarten-Grade 2 (elementary school programs), Grade 6 (middle school programs), or Grade 9 (high school programs). Students entering Grades 3-4 may apply to Cromwell Valley Elementary, and students entering Grades 10-11 may apply to some high school programs.

Students who are homeless are eligible to apply to a magnet program just as any other student.

Parents must submit a complete application by the deadline date. High school applicants must also attend the magnet assessment for each program selected on the application.

### How do I apply to magnet programs?

The application for BCPS magnet programs will be available online from the Magnet Programs' [Web site \(tinyurl.com/BCPSMagnet\)](http://www.tinyurl.com/BCPSMagnet) beginning at 12 noon on September 14, 2021. Applications must be submitted by 1 p.m. on November 5, 2021.

The magnet admissions process is conducted in accordance with [Superintendent's Rule 6400: Magnet Programs](#). Parents are strongly urged to review Superintendent's Rule 6400 and all application materials carefully.

Elementary and middle school applicants are selected for placement through a centralized random lottery process. High school applicants are selected for placement following a magnet assessment, grade evaluation, and lottery process. See the [Admission Process \(page 26\)](#) for details.

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# Magnet Application Process

- STEP 1

**1. Review Application and Admissions Process**
  - Read magnet brochure carefully.
  - Attend an Application Information Meeting.
  - Obtain and read [Superintendent's Rule 6400: Magnet Programs](#).
  - Kindergarten applicants - review [Kindergarten Early Admission and Sibling Priority](#) policies (page 4)
  - High School applicants - review information regarding [assessments, academic evaluations, and magnet placement](#) (page 4).
- STEP 2

**2. Select Programs of Interest**
  - Consider student's interests, talents, and abilities.
  - Review magnet program descriptions.
  - Review school web sites and attend [school showcases](#) to learn about the magnet schools and programs of interest.
  - Be aware of entry grade-level restrictions, geographic location, and transportation availability.
- STEP 3

**3. Apply Online at the BCPS Magnet Programs' [Online Application Web site \(https://bcpsonlineapplication.com/apply\)](https://bcpsonlineapplication.com/apply)**
  - Available from 12 noon, Tuesday, September 14, 2021 until 1 p.m. on Friday, November 5, 2021.
  - Carefully read and follow ALL directions. Complete each section of the application.
  - Select no more than THREE (3) programs on the application. Mark selections carefully.
  - Review application to ensure it is completed correctly. ANY changes in program selection(s) MUST be made online by 1 p.m. on the application deadline, November 5, 2021.
  - Make copy of application and accompanying documents for your records.
  - High school students who attended non-BCPS schools ONLY - submit required non-BCPS report card(s) and documented testing accommodations, if applicable.
- STEP 4

**4. HIGH SCHOOL APPLICANTS ONLY - Complete Assessment for Each Program Selection**
  - Obtain/read/review assessment guidelines for each program to which you have applied (available at the Magnet Programs [Web site at tinyurl.com/BCPSMagnet](http://www.tinyurl.com/BCPSMagnet)).
  - Schedule assessment appointment(s) by Wednesday, November 10, 2021. Refer to the Assessment Guidelines for specific information about assessment dates/times.
  - Be aware of inclement weather dates and emergency policies.
  - Have student complete all required preparations prior to attending assessment(s). Students may also want to attend any optional pre-assessment workshops and/or complete sample assessment questions for programs as provided.
  - Ensure that student is ON TIME and PREPARED for each assessment. Make sure student brings any required materials to the assessment. Failure to attend and complete an assessment will disqualify the applicant for that magnet program.
- STEP 5

**5. Be Prepared to Accept or Decline Magnet Seat Offer**
  - Parents will be notified by email of the admissions decisions for elementary and middle school applicants by February 4, 2022 and by March 4, 2022 for high school applicants (dates subject to change).
  - Parents must accept or decline the seat offer by the identified deadline or the offer will be revoked.
  - Once initial seat offers have been accepted or declined, available seats will be offered to students on the wait list for the program. Parents receiving placement offers from the wait list have three (3) business days to respond to the offer. Failure to respond will result in forfeiture of the seat, and the placement will be offered to the next student on the wait list.



Application Information Meetings	Multilingual Application Information Meetings
September 18, 2021 @ 11am September 22, 2021 @ 6pm	September 21, 2021 @ 11am September 23, 2021 @ 6pm
Sign up for these virtual meetings on the Magnet Programs' <a href="http://www.tinyurl.com/BCPSmagnet">Web site (www.tinyurl.com/BCPSmagnet)</a> .	



Kindergarten Early Admission & Sibling Priority

Early Admission to Kindergarten

Kindergarten applicants who will be age 5 after September 1, 2022, and before October 14, 2022, must qualify for early admission. A copy of the letter requesting early admission to Kindergarten testing must be uploaded with the magnet application.

Sibling Priority Placement

(ONLY applies to Kindergarten applicants prior to lottery placement for the 2022-2023 school year)

Sibling priority placement is granted to Kindergarten applicants who have an older sibling who is currently in the selected magnet program and who will continue in that magnet program during the year for which the Kindergarten applicant is seeking placement. Sibling priority placements are made before the lottery selection process.

In order to qualify for sibling priority placement for the 2022–2023 school year, a valid application for the Kindergarten applicant must be submitted to the BCPS Magnet Programs by the application deadline, November 5, 2021. The application must include the older sibling’s name, current grade, and magnet school program.

See [Superintendent’s Rule 6400](#) for additional information.

SAMPLE LETTER

Parent Address  
Date: \_\_\_\_/\_\_\_\_/2021

Name of Principal  
Zoned Elementary School  
School Address

Dear (name of principal):

I am writing to request an appointment for early admission to Kindergarten testing for my child, (full name), (date of birth). I am requesting that the testing take place in January 2022, as I am also applying for my child to attend an elementary school magnet program for the 2022–2023 school year.

I look forward to hearing from you regarding my child’s appointment for early admission to Kindergarten testing. I can be reached at (phone number) or (e-mail address).

Sincerely,

Parent’s Signature

High School Assessments & Academic Evaluation

Magnet Assessments

High school magnet programs require parents to schedule an assessment appointment for their student. Appointments must be scheduled by no later than Wednesday, November 10, 2021 [online](#) or by calling (443) 809-4127. Applicants MUST attend the assessments for the programs selected.

Most assessments are specific to each magnet program and may include an audition, practicum, interview, writing sample, test and/or performance assessment and may require prior preparation. It is the responsibility of the parent to obtain the [Assessment Guidelines](#) for each program selection and to ensure the applicant attends the assessment on the published date. Assessment Guidelines are available on the Magnet Programs’ [Web site \(tinyurl.com/BCPSMagnet\)](#). Assessment formats are subject to change.

Applicants who have accommodations as part of a documented educational plan (IEP, 504, EL, etc.) will be provided with the appropriate required accommodations during the assessment(s).



Academic Evaluation

Academic grades, current mathematics enrollment, and attendance may be reviewed. Students are awarded points for meeting established standards. Academic grade averages are calculated using the letter grades reported by the school(s) the student attended. There is no weighting or special consideration given to grades received in gifted and talented classes, trimester grades, or grades that are calculated by means other than those used by Baltimore County Public Schools.

Applicants to high school magnet programs who received grade reports from a non-BCPS school for any portion of the 2020-2021 school year or the first quarter/trimester of the 2021-2022 school year must submit a copy of the report card(s) to BCPS Magnet Programs.

Placement Consideration

In order to be considered for placement, students must complete any required magnet assessments and submit any required non-BCPS report cards. For more information about placements, please see [Admission Process \(page 26-27\)](#).



Magnet Showcase Events (\*Virtual event. Please see school website for details.)

Elementary School	2021 Showcase Date	Program Start Time
<a href="#">Chatsworth School</a>	Wednesday, October 20	6pm
<a href="#">Cromwell Valley Elementary Magnet</a>	Thursday, October 21	Session 1: 10am Session 2: 6pm
<a href="#">Wellwood International</a>	Tuesday, October 26	Session 1: 10:30am Session 2: 5:30pm
<a href="#">Woodmoor Elementary</a>	Tuesday, October 19*	6pm
Middle School	2021 Showcase Date	Program Start Time
<a href="#">Deep Creek Middle</a>	Wednesday, October 27	6pm
<a href="#">Deer Park Middle Magnet</a>	Wednesday, October 27	6pm
<a href="#">Golden Ring Middle</a>	Monday, October 18	6pm
<a href="#">Lansdowne Middle</a>	Thursday, October 14	6pm
<a href="#">Loch Raven Technical Academy</a>	Monday, October 11	5:30pm
<a href="#">Middle River Middle</a>	Tuesday, October 26*	6pm
<a href="#">Northwest Academy of Health Sciences</a>	Thursday, October 19	5:30pm
<a href="#">Parkville Middle School &amp; Center of Technology</a>	Wednesday, October 6	6-8pm
<a href="#">Southwest Academy Magnet School for Science &amp; Engineering</a>	Wednesday, October 13	6pm
<a href="#">Stemmers Run Middle</a>	Wednesday, October 20	6pm
<a href="#">Sudbrook Magnet Middle</a>	Wednesday, October 20	Session 1: 4pm Session 2: 6pm
<a href="#">Windsor Mill Middle</a>	Thursday, October 28	6pm
High School	2021 Showcase Date	Program Start Time
<a href="#">Chesapeake High School STEM Academy</a>	Thursday, October 21	6-7:30pm
<a href="#">Eastern Technical High</a>	Thursday, October 14	6-8pm
<a href="#">G. W. Carver Center for Arts &amp; Technology</a>	Wednesday, October 13	5-7pm
<a href="#">Kenwood High</a>	Tuesday, October 12	6pm
<a href="#">Lansdowne High School Academy</a>	Tuesday, October 5	4-6pm
<a href="#">Milford Mill Academy</a>	Saturday, October 9	9-11am
<a href="#">New Town High</a>	Thursday, October 14	5-7pm
<a href="#">Overlea High</a>	Tuesday, October 19	5:30pm
<a href="#">Parkville High School &amp; Center for Mathematics, Science, &amp; Computer Science</a>	Wednesday, October 13*	6pm
<a href="#">Patapsco High School &amp; Center for the Arts</a>	Wednesday, October 27	6pm
<a href="#">Randallstown High</a>	Thursday, October 21	6-7:30pm
<a href="#">Sollers Point Technical High</a>	Monday, October 25	6-8pm
<a href="#">Sparrows Point High</a>	Thursday, October 28	6pm
<a href="#">Towson High</a>	Thursday, October 7*	5pm
<a href="#">Western School of Technology &amp; Environmental Science</a>	Thursday, October 14	6-8pm
<a href="#">Woodlawn High</a>	Tuesday, October 26	6pm

# High School Assessment Schedule

School	Assessment Dates & Times	Assessment Dates & Times	Assessment Information
<b>Chesapeake High School</b> <b>STEM Academy</b> 1801 Turkey Point Road Essex 21221 (443) 809-0341  Students zoned to attend Chesapeake High School do not need to apply or attend the assessment.	<b>Tuesday, December 14, 2021</b> 4 – 6 p.m. Arts, Multimedia & Communications, Business & Information Technology, Leadership & Humanities  (Inclement Weather Date: December 21, 2021)	<b>Thursday, December 16, 2021</b> 4 – 6 p.m. Science, Engineering & Mathematics  (Inclement Weather Date: December 21, 2021)	On-site Test Registration: 15 min. prior to assessment appointment  See Assessment Guidelines for specific information.
<b>Eastern Technical High School</b> 1100 Mace Avenue Essex 21221 (443) 809-0190	<b>Tuesday, January 11, 2022</b> 4 – 6 p.m. All programs except Culinary Arts  (Inclement Weather Date: January 18, 2022)	<b>Thursday, January 13, 2022</b> 4 – 6 p.m. All programs except Culinary Arts  (Inclement Weather Date: January 20, 2022)	On-site Test Registration: 3 p.m.  See Assessment Guidelines for specific information.
<b>George Washington Carver Center for Arts &amp; Technology</b> 938 York Road Towson 21204 (443) 809-2793	<b>Saturday, December 4, 2021</b> 8 a.m. – 6 p.m. Cosmetology, Digital Instrumental Music, Design & Production, IT & Interactive Media Production  (Inclement Weather Date: December 11, 2021)	<b>Saturday, January 15, 2022</b> 8 a.m. – 6 p.m. Acting, Carpentry, Visual Arts, Vocal Music  (Inclement Weather Date: January 22, 2022)	On-site Test Registration: 15 min. prior to assessment appointment  See Assessment Guidelines for specific information.
<b>Kenwood High School</b> <b>501 Stemmers Run Road</b> Essex 21221 IB – (443) 809-6384 SSA – (443) 809-0318	<b>Wednesday, January 5, 2022</b> 5 – 7 p.m. Sports Science Academy  (Inclement Weather Date: January 10, 2022)	<b>Thursday, January 6, 2022</b> 5 – 7 p.m. International Baccalaureate  (Inclement Weather Date: January 11, 2022)	On-site Test Registration: 30 min. prior to assessment appointment  See Assessment Guidelines for specific information
<b>Lansdowne High School Academy</b> 3800 Hollins Ferry Road Lansdowne 21227 (443) 809-1415  Students zoned to attend Lansdowne High School do not need to apply or attend assessment.	<b>Tuesday, December 7, 2021</b> 4 – 6 p.m. Arts & Communication, Health & Human Services  (Inclement Weather Date: December 14, 2021)	<b>Thursday, December 9, 2021</b> 4 - 6 p.m. Science, Engineering, & IT  (Inclement Weather Date: December 14, 2021)	On-site Test Registration: 10 min. prior to assessment appointment  See Assessment Guidelines for specific information.
<b>Milford Mill Academy</b> 3800 Washington Avenue Windsor Mill 21244 (443) 809-0660	<b>Saturday, December 11, 2021</b> 8:30 a.m. – 12:30 p.m. Automotive Service Technology, Building & Construction Technology, Cosmetology  (Inclement Weather Date: December 16, 2021 (4-8pm))	<b>Saturday, January 8, 2022</b> 8:30 a.m. – 12:30 p.m. Acting, Design & Production, Instrumental Music, Visual Arts, Vocal Music  (Inclement Weather Date: January 13, 2022 (4 – 8 p.m.))	On-site Test Registration: 15 min. prior to assessment appointment  See Assessment Guidelines for specific information.
<b>New Town High School</b> 4931 New Town Boulevard Owings Mills 21117 (443) 809-1614  Students zoned to attend New Town High School do not need to apply.	There are no admission assessments for New Town’s International Studies magnet program. Applicants are selected for placement through the centralized random lottery process.		
<b>Overlea High School</b> 5401 Kenwood Avenue Overlea 21206 (443) 809-5241  Students zoned to attend Overlea High School do not need to apply.	There are no admission assessments for Overlea’s Health Sciences magnet program. Applicants are selected for placement through the centralized random lottery process.		
<b>Parkville High School</b> 2600 Putty Hill Avenue Parkville 21234 (443) 809-5257 ext. 262	<b>Wednesday, January 12, 2022</b> 4 – 6 p.m.  (Inclement Weather Date: January 19, 2022)	On-site Test Registration: 4 p.m.  See Assessment Guidelines for specific information.	

Assessments will **ONLY** be rescheduled with documentation of unforeseen illness or emergency.  
Assessment format subject to change.  
See assessment guidelines for updated information.

# High School Assessment Schedule

School	Assessment Dates & Times	Assessment Dates & Times	Assessment Information
<b>Patapsco High School &amp; Center for the Arts</b> 8100 Wise Avenue Dundalk 21222 (443) 809-7127	<b>Saturday, January 8, 2022</b> 8 a.m. – 5 p.m.  (Inclement Weather Date: January 22, 2022)		On-site Test Registration: 10 min. prior to assessment appointment  See Assessment Guidelines for specific information.
<b>Randallstown High School</b> 4000 Offutt Road Randallstown 21133 (443) 809-0748	<b>Tuesday, January 11, 2022</b> 5 – 7 p.m. Academy of Health Professions  (Inclement Weather Date: January 18, 2022)	<b>Wednesday, January 12, 2022</b> 5 – 7 p.m. Multimedia Communications  (Inclement Weather Date: January 18, 2022)	On-site Test Registration: 30 min. prior to assessment appointment  Pre-assessment workshop available for Multimedia Communications.  See Assessment Guidelines for specific information.
<b>Sollers Point High School</b> 1901 Delvale Avenue Dundalk 21222 (443) 809-7075	<b>Monday, December 6, 2021</b> 4 – 8 p.m. Academy of Health Professions, Biomedical Science, IT-Computer Science, IT-Networking  (Inclement Weather Date: December 13, 2021)	<b>Wednesday, December 8, 2021</b> 4 – 8 p.m. Automotive Service Technology, Diesel Truck/Power Systems, Building Construction Technology, Cosmetology  (Inclement Weather Date: December 15, 2021)	On-site Test Registration: 30 min. prior to assessment appointment  See Assessment Guidelines for specific information.
<b>Sparrows Point High School</b> 7400 North Point Road Sparrows Point 21219 (410) 507-0028	<b>Saturday, December 4, 2021</b> 8 a.m. – 12 p.m.  (Inclement Weather Date: December 8, 2021, 4 – 8 p.m.)	<b>Saturday, December 11, 2021</b> 8 a.m. – 12 p.m.  (Inclement Weather Date: December 15, 2021, 4 – 8 p.m.)	On-site Test Registration: 15 min. prior to assessment appointment  See Assessment Guidelines for specific information.
<b>Towson High School</b> 69 Cedar Avenue Towson 21286 (443) 809-3608	<b>Saturday, December 18, 2021</b> 8 a.m. – 12 p.m.  (Inclement Weather Date: January 8, 2021)		On-site Test Registration: 15 min. prior to assessment appointment  See Assessment Guidelines for specific information.
<b>Western School of Technology &amp; Environmental Science</b> 100 Kenwood Avenue Catonsville 21228 (443) 809-0840	<b>Thursday, January 20, 2022</b> 4 - 7 p.m. All programs except Culinary Arts  (Inclement Weather Date: January 27, 2022)	<b>Saturday, January 22, 2022</b> 7:30 a.m. - 3:30 p.m. All programs except Culinary Arts  (Inclement Weather Date: January 29, 2022)	On-site Test Registration: 30 min. prior to assessment appointment  See Assessment Guidelines for specific information.
<b>Woodlawn High School</b> 1801 Woodlawn Drive Woodlawn 21207 (443) 809-1309	<b>Tuesday, January 18, 2022</b> 5:30 - 8 p.m. Early College  (Inclement Weather Date: January 25, 2022)	<b>Wednesday, January 19, 2022</b> 5:30 – 8 p.m. Math, Science & Engineering  (Inclement Weather Date: January 26, 2022)	On-site Test Registration: 30 min. prior to assessment appointment See Assessment Guidelines for specific information.
<b>Centralized Assessments</b>			
<b>Centralized Assessments:</b> Dance, Culinary Arts, Literary Arts BCPS has implemented a centralized assessment process for Dance, Culinary Arts, and Literary Arts. A student applying to one of these programs at two or three schools only needs to schedule ONE appointment. The results from that assessment will be applied to each school where that program was selected on the application.	<b>Culinary Arts/Baking &amp; Pastry</b> <i>Virtual Assessment</i>  <b>Wednesday, December 15, 2021</b> 4 p.m. – 7 p.m.  <b>Thursday, December 16, 2021</b> 4 p.m. - 7 p.m.	<b>Literary Arts</b> <i>Virtual Submission</i>  <b>Saturday, December 18, 2021</b> 9 a.m. – 5 p.m.	<b>Dance</b> <i>In-person at Carver Center</i> 938 York Road Towson 21204 <b>Saturday, January 8, 2022</b> 9 a.m. – 5 p.m.  <b>Saturday, January 15, 2022</b> 9 a.m. - 5 p.m.  (Inclement Weather Date: January 22, 2022)

**Inclement Weather**  
In the event that school activities are cancelled due to inclement weather, magnet assessments will be postponed. Postponed assessments will occur on the designated inclement weather date. All emergency closing and cancellation information will be posted on the BCPS automated information line, (443) 809-5555. Closings and cancellation announcements will also be made through local media.



# Elementary School Transportation

**Chatsworth School**

222 New Avenue  
Reisterstown 21136 • (410) 887-1103

Transportation is provided for students who are zoned to attend Cedarmere, Franklin, Glyndon, Owings Mills, Reisterstown, or Timber Grove elementary schools.

**Cromwell Valley Elementary Magnet School**

825 Providence Road  
Towson 21286 • (410) 887-4888

Transportation is provided for students who are zoned to attend Halstead Academy, Hampton, Oakleigh, Pleasant Plains, Rodgers Forge, Stoneleigh, Villa Cresta, or West Towson elementary schools.



**Transportation disclaimer**

Baltimore County Public Schools provides transportation to and from elementary school magnet programs for students who reside within the established transportation zone of the magnet program. Some transportation is arranged as shuttle service from the home school location. This may require families to arrange transportation to/from the zoned school, where students are picked up and transported to the magnet program.

Transportation is not provided by Baltimore County Public Schools outside of the established transportation zone of a magnet program.

**Wellwood International School**

2901 Smith Avenue  
Pikesville 21208 • (410) 887-1212

Transportation is provided for students who are zoned to attend Bedford, Fort Garrison, Milbrook, Summit Park, Wellwood, or Winand elementary schools.

**Woodmoor Elementary School**

3200 Elba Drive  
Gwynn Oak, 21207 • (410) 887-1318

Transportation is provided for students who are zoned to attend Arbutus, Baltimore Highlands, Bedford, Catonsville, Chadwick, Church Lane, Deer Park, Dogwood, Edmondson Heights, Featherbed Lane, Halethorpe, Hebbville, Hernwood, Hillcrest, Johnnycake, Lansdowne, Lyons Mill, Milbrook, New Town, Powhatan, Randallstown, Relay, Riverview, Scotts Branch, Westchester, Westowne, Winand, Winfield, Woodbridge, Woodmoor or Woodholme elementary schools.

A colorful poster titled "MAGNET SCHOOLS OF AMERICA" with the tagline "Put all of the pieces together!". The poster is divided into four quadrants by puzzle pieces. The top-left quadrant is labeled "DIVERSITY" and shows a globe with people. The top-right quadrant is labeled "INNOVATIVE CURRICULUM" and shows a laptop and gears. The bottom-left quadrant is labeled "ACADEMIC EXCELLENCE" and shows a house with a blue ribbon. The bottom-right quadrant is labeled "HIGH-QUALITY INSTRUCTIONAL SYSTEMS" and shows a person at a computer. The poster also includes the text "FAMILY & COMMUNITY PARTNERSHIPS" and "c=Mc²".

**National Magnet Schools Month - February 2021**  
BCPS Magnet Poster Contest  
Sophie K., Grade 4  
Cromwell Valley Elementary Magnet

# Elementary School Programs

**International Baccalaureate Primary Years Programme (IB PYP)**

**Wellwood International (Grades K-2)**  
**Woodmoor Elementary (Grades K-2)**

As part of the internationally recognized IB Primary Years Programme, students increase awareness of diverse cultures and become more internationally minded through the rigorous inquiry-based study of six transdisciplinary themes. These themes are embedded in all content areas and universally applied to all cultures, encouraging students to make sense of the world around them through first-hand experiences. Students engage in action projects that enhance their global awareness, as well as participate in communicative development of the French language at Wellwood International and the Spanish language at Woodmoor Elementary.



**Science, Technology, Engineering, Art and Math (S.T.E.A.M.)**

**Chatsworth School (Grades K-2)**  
**Cromwell Valley Elementary (Grades K-4)**

Students develop 21st century skills including communication, collaboration, critical thinking, and creativity in a rigorous program of learning that integrates BCPS' curriculum, S.T.E.A.M. (science, technology, engineering, arts, and mathematics), and computer science. In an engaging, hands-on, project-based environment, students develop a well-rounded understanding of the world through a multi-disciplinary approach focused on innovation and problem solving. Students are empowered to become producers of information as they write code, implement the Engineering Design Process, and persevere to solve complex problems.



# Middle School Transportation

**Deep Creek Middle School**  
1000 S. Marlyn Avenue, 21221  
(443) 809-0112

Transportation is provided for students zoned to attend Deep Creek, General John Stricker, Holabird, or Stemmers Run middle schools.

**Deer Park Middle Magnet School**  
9830 Winands Road, 21133  
(443) 809-0726

Transportation is provided for students zoned to attend either Deer Park or Franklin middle schools.

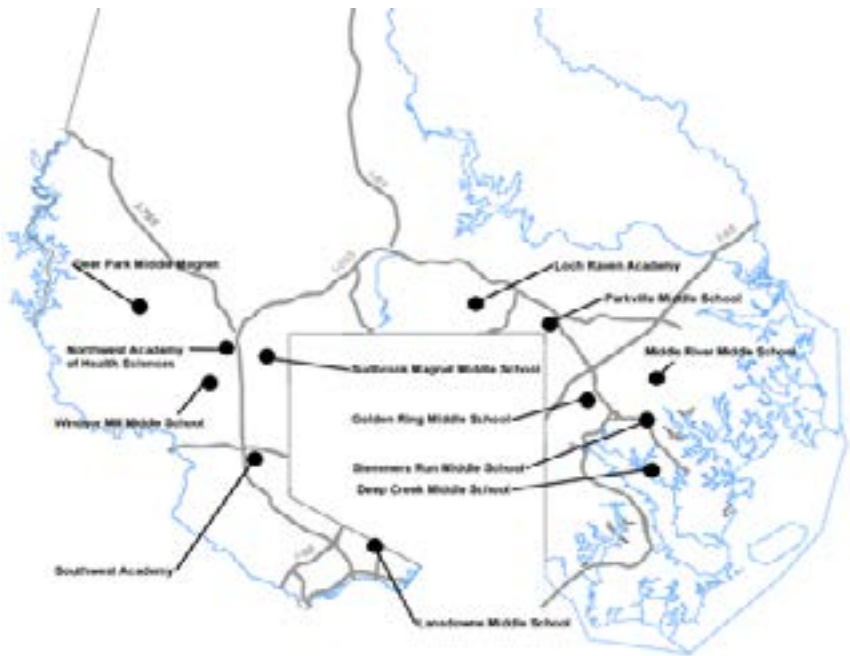


**Golden Ring Middle School**  
6700 Kenwood Avenue, 21237  
(443) 809-0130

Transportation is provided for students zoned to attend Deep Creek, Dundalk, General John Stricker, Golden Ring, Holabird, Middle River, Perry Hall, Sparrows Point, or Stemmers Run middle schools.

**Lansdowne Middle School**  
2400 Lansdowne Road, 21227  
(443) 809-1411

Transportation is provided for students zoned to attend Arbutus, Catonsville, Lansdowne, or Woodlawn middle schools.



**Loch Raven Technical Academy**  
8101 LaSalle Road, 21286  
(443) 809-3518

Transportation is provided for students zoned to attend Cockeysville, Dumbarton, Hereford, Loch Raven, Perry Hall, Pine Grove, or Ridgely middle schools.

**Middle River Middle School**  
800 Middle River Road, 21220  
(443) 809-0165

Transportation is provided for students zoned to attend Deep Creek, Dundalk, General John Stricker, Golden Ring, Holabird, Middle River, Perry Hall, Sparrows Point, or Stemmers Run middle schools.



**Northwest Academy of Health Sciences**  
4627 Old Court Road, 21208  
(443) 809-0742

Transportation is provided for students zoned to attend Arbutus, Catonsville, Deer Park, Lansdowne, Northwest Academy, Pikesville, Southwest Academy, Windsor Mill, or Woodlawn middle schools.

**Parkville Middle School & Center of Technology**  
8711 Avondale Road, 21234  
(443) 809-5250

Transportation is provided for students zoned to attend Deep Creek, Dundalk, General John Stricker, Golden Ring, Holabird, Middle River, Parkville, Sparrows Point, or Stemmers Run middle schools.

**Southwest Academy Magnet School for Science & Engineering**  
6200 Johnnycake Road, 21207  
(443) 809-0825

Transportation is provided for students zoned to attend either Lansdowne Middle School or Southwest Academy.

**Stemmers Run Middle School**  
201 Stemmers Run Road, 21221  
(443) 809-0177

Transportation is provided for students zoned to attend Deep Creek, Dundalk, General John Stricker, Golden Ring, Holabird, Middle River, Perry Hall, Sparrows Point, or Stemmers Run middle schools.

**Sudbrook Magnet Middle School**  
4300 Bedford Road, 21208  
(443) 809-6720

Transportation is provided for students zoned to attend Arbutus, Catonsville, Deer Park, Franklin, Lansdowne, Northwest Academy, Pikesville, Southwest Academy, Windsor Mill, or Woodlawn middle schools.

**Windsor Mill Middle School**  
8300 Windsor Mill Road, 21244  
(443) 809-0618

Transportation is provided for students zoned to attend Arbutus, Catonsville, Deer Park, Lansdowne, Northwest Academy, Southwest Academy, Windsor Mill, or Woodlawn middle schools.



## Transportation disclaimer

Baltimore County Public Schools provides transportation to and from middle school magnet programs for students who reside within the established transportation zone of the magnet program. Transportation is provided from a limited number of pick-up points located at designated school sites. Parents are responsible for providing transportation for their students to and from their designated pick-up point.

NOTE: Pick-up points do not fall under the same guidelines as regular bus stops with regard to distance and walking conditions. In addition, supervision is not provided by the school system at the pick-up points.

Transportation is not provided by Baltimore County Public Schools outside of the established transportation zone of a magnet program.



**National Magnet Schools Month - February 2021**

BCPS Magnet Poster Contest  
Peyton J., Grade 6  
Loch Raven Technical Academy



# Middle School Programs    Accepting Grade 6 only

## Career and Professional Studies Lansdowne

Students apply classroom concepts to real world situations related to different career paths and areas of study, establish short- and long-term career goals, explore college options, and develop financial literacy. Students have the opportunity to visit local businesses and government agencies and experience hands-on, project-based learning activities. They also explore high school, college, and career choices through guest speakers and independent research.

## Exploratory Parkville

Students explore applied engineering, environmental engineering (SEAS), mass communications, and visual/graphic arts in practical applications. Students participate in all areas during their first year and are assigned by lottery to two pathways of study in Grade 7 and one pathway in Grade 8. The engineering-related pathways incorporate pre-engineering curricula and Next Generation Science Standards.



## Fine Arts Deer Park

Students may select a pathway in either the performing or visual arts. In Dance, Instrumental Music\*, Vocal Music, and Theatre Arts, students are prepared for individual and ensemble performances for a variety of audiences. Students may earn high school Fine Arts graduation credit by passing the Theatre Arts final exam. In Visual Arts, students develop skills in the areas of drawing, painting, sculpting, printmaking, and ceramics. (\*Instrumental Music at Deer Park does not include the study of string instruments or piano. Applicants should have one or more years of prior experience playing an instrument.)

## Health Sciences Golden Ring & Northwest Academy

Students are introduced to the field of health sciences in a rigorous academic program that includes authentic experiences through health care provider partnerships and intensive classroom instruction. Students receive a solid foundation in the general function and organization of the health care field as well as the study of the human body and its structure, functions, and systems. This program prepares students for success in high school health sciences programs. (Program content may vary at each location.)

## International Baccalaureate Middle Years Programme (IB MYP) Middle River, Stemmers Run & Windsor Mill

As part of the internationally recognized IB MYP, students engage in an interdisciplinary global framework across all content areas to become more active, internationally minded learners. The IB framework empowers students to explore a wide range of local, national and global issues, enhancing their ability to be creative, critical and reflective thinkers. An integral part of an IB education is the acquisition of a second language and service to the local and global community.



## Law & Finance Loch Raven

Students explore a wide variety of topics and problem-based learning activities in economic literacy and the legal system in the 21st century. The program prepares students for success in high school finance, law, and related career and technical programs.

## Mass Communications Deer Park

Students are provided with instruction in the use of communication technology, including television and radio broadcasting, video production, desktop publishing, and Web design.

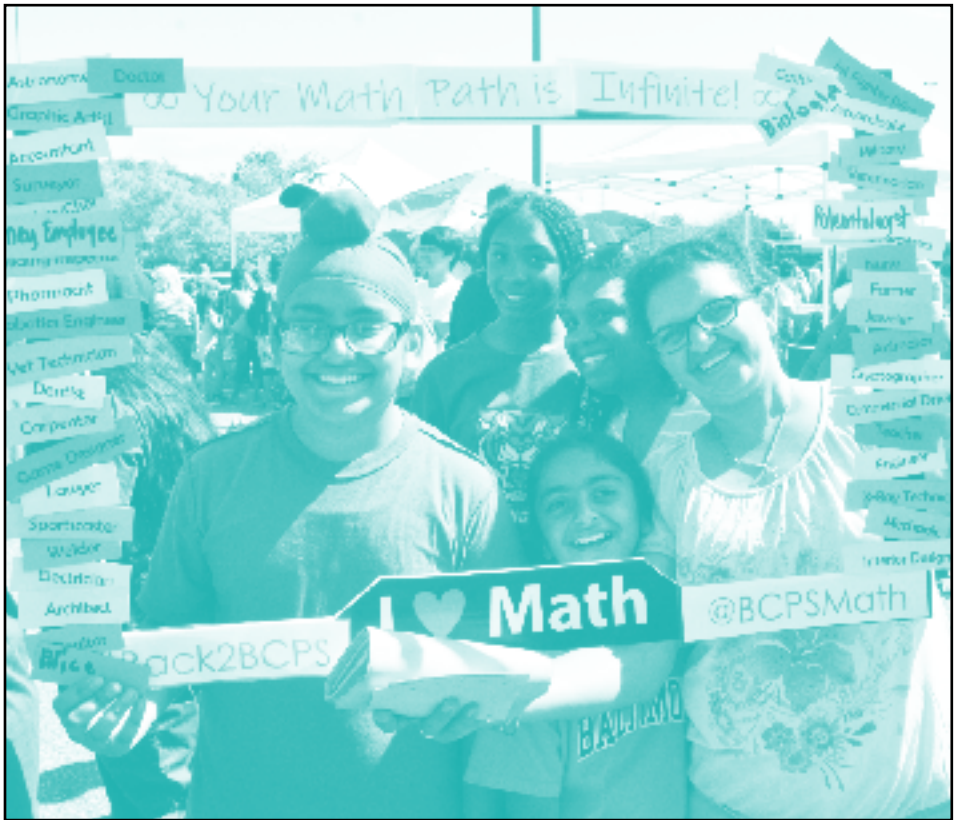
## Performing Arts Exploration Loch Raven

Students are provided with a variety of opportunities that include steel pan percussion and theatre (incorporating drama, movement, and song). Students are prepared for individual and ensemble performances and are required to perform for a variety of audiences.



## Performing Arts Sudbrook

Students may participate in Dance, Instrumental Music (Band or Strings)\*, Vocal Music, or Theatre Arts. Students are prepared for individual and ensemble performances and are required to perform for a variety of audiences. Students may earn high school Fine Arts graduation credit by passing the Theatre Arts final exam. (\*Instrumental Music (Band/Strings) at Sudbrook does not include the study of guitar or piano. Applicants should have one or more years of prior experience playing an instrument.)



## Science, Technology, Engineering & Math (STEM)

### Deep Creek, Deer Park, Loch Raven, Southwest & Sudbrook

Using an innovative STEM curriculum, students engage in science, technology, engineering, and mathematics through real-world, problem-based activities. Hands-on projects based on authentic situations in STEM careers help students discover their passions and explore pathways to a promising future.

## Visual Arts Sudbrook & Loch Raven

Students explore the many facets of the world of art as they develop skills in drawing, painting, sculpting, printmaking, digital media, and ceramics. (Program content may vary at each location.)

## World Languages Deer Park & Sudbrook

Students increase language skills and fluency while learning about the cultural aspects of the language of study. Deer Park offers Spanish. Sudbrook offers French, Japanese, and Spanish.





# High School Transportation

## Chesapeake High School STEM Academy

1801 Turkey Point Road  
Essex 21221  
(443) 809-0341

Transportation is provided for students who are zoned to attend Chesapeake, Dundalk, Kenwood, Overlea, or Patapsco high schools.

## Eastern Technical High School

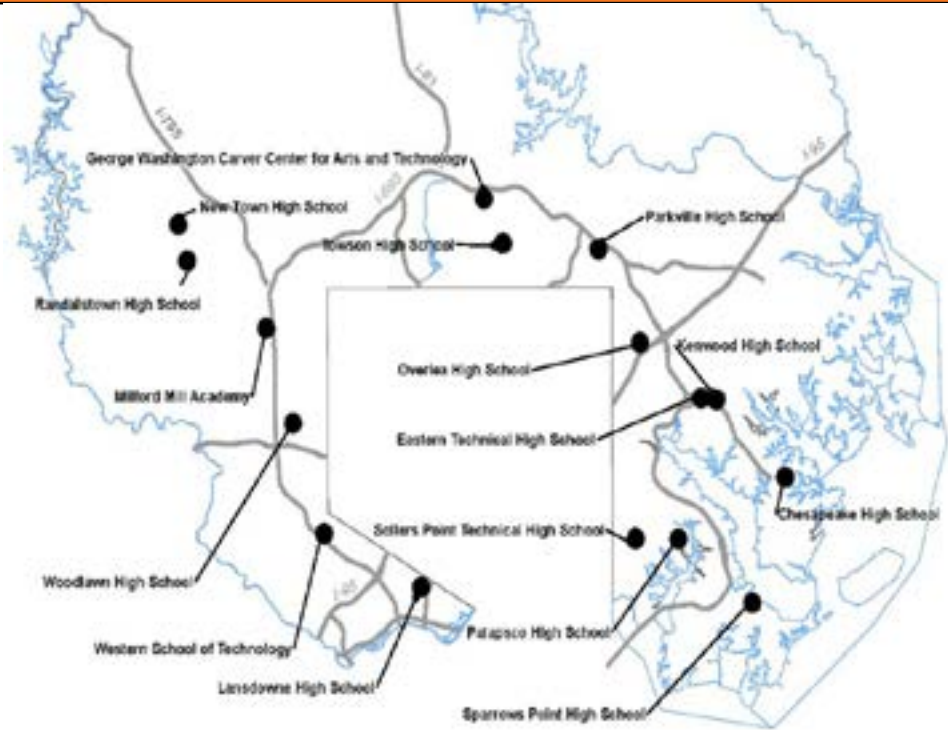
1100 Mace Avenue  
Essex 21221  
(443) 809-0190

Transportation is provided for students who are zoned to attend Perry Hall, Parkville, Overlea, Kenwood, or Chesapeake high schools.

## George Washington Carver Center for Arts & Technology

938 York Road  
Towson 21204  
(443) 809-2793

Transportation is provided for students from all areas of the Baltimore County Public Schools.



## Kenwood High School

501 Stemmers Run Road  
Essex 21221  
IB – (443) 809-6384  
SSA – (443) 809-0318

Transportation to the Sports Science Academy is provided for students from all areas of the Baltimore County Public Schools. Transportation to the IB program is provided for students who are zoned to attend high schools in the Northeast or Southeast areas, as well as those who are zoned to attend Loch Raven High School.

## Lansdowne High School Academy

3800 Hollins Ferry Road  
Lansdowne 21227  
(443) 809-1415

Transportation is provided for students who are zoned to attend high schools in the Southwest or Northwest areas.

## Milford Mill Academy

3800 Washington Avenue  
Windsor Mill 21244  
(443) 809-0660

Transportation is provided for students who are zoned to attend high schools in the Northwest or Southwest areas.

## New Town High School

4931 New Town Boulevard  
Owings Mills 21117  
(443) 809-1614

Transportation is provided for students who are zoned to attend Catonsville, Franklin, Lansdowne, Randallstown, Milford Mill, New Town, or Woodlawn high schools.



## Overlea High School

5401 Kenwood Avenue  
Overlea 21206  
(443) 809-5241

Transportation is provided for students who are zoned to attend high schools in the Northeast or Southeast areas.

## Parkville High School & Center for Mathematics, Science, & Computer Science

2600 Putty Hill Avenue  
Parkville 21234  
(443) 809-5257 ext. 262

Transportation is provided for students who are zoned to attend high schools in the Northeast or Southeast areas, as well as those who are zoned to attend Loch Raven High School.

## Patapsco High School & Center for the Arts

8100 Wise Avenue  
Dundalk 21222  
(443) 809-7127

Transportation is provided for students who are zoned to attend high schools in the Southeast or Northeast areas, as well as those who are zoned to attend Loch Raven High School.



## Randallstown High School

4000 Offutt Road  
Randallstown 21133  
(443) 809-0748

Transportation is provided for students who are zoned to attend Franklin, Milford Mill, Owings Mills, New Town, Randallstown, or Woodlawn high schools.

## Sollers Point Technical High School

1901 Delvale Avenue  
Dundalk 21222  
(443) 809-7075

All programs at Sollers Point are half-day. Transportation is provided for students who will also attend Chesapeake, Dundalk, Kenwood, Overlea, Patapsco, or Sparrows Point high school.

## Sparrows Point High School

7400 North Point Road  
Sparrows Point 21219  
(410) 507-0028

Transportation is provided for students who are zoned to attend high schools in the Southeast or Northeast areas.

## Towson High School

69 Cedar Avenue  
Towson 21286  
(443) 809-3608

Transportation is provided for students from all areas of the Baltimore County Public Schools. Students transfer buses at George Washington Carver Center for Arts and Technology.

## Western School of Technology & Environmental Science

100 Kenwood Avenue  
Catonsville 21228  
(443) 809-0840

Transportation is provided for students who are zoned to attend high schools in the Southwest or Northwest areas.

## Woodlawn High School

1801 Woodlawn Drive  
Woodlawn 21207  
(443) 809-1309

Transportation is provided for students who are zoned to attend high schools in the Southwest or Northwest areas.

### Transportation disclaimer

Baltimore County Public Schools provides transportation to and from high school magnet programs for students who reside within the established transportation zone of the magnet program. Transportation is provided from a limited number of pick-up points located at designated school sites. Parents are responsible for providing transportation for their students to and from their designated pick-up point.

NOTE: Pick-up points do not fall under the same guidelines as regular bus stops with regard to distance and walking conditions. In addition, supervision is not provided by the school system at the pick-up points.

Transportation is not provided by Baltimore County Public Schools outside of the established transportation zone of a magnet program.



# High School Program Entry Levels

**Chesapeake High School**  
Academy of Arts, Multimedia & Communications – 9  
Academy of Business & Information Technology – 9  
Academy of Leadership & Humanities – 9  
Academy of Science, Engineering & Mathematics – 9

**Eastern Technical High School**  
Academy of Health Professions – 9  
Building and Construction Technology – 9-10  
Culinary Arts – 9-10  
Engineering Careers – 9  
IT-Networking – 9  
Interactive Media Production – 9  
Law and Public Policy – 9-10  
Teacher Academy of Maryland – 9

**G.W. Carver Center for Arts & Technology**  
Acting – 9-11  
Carpentry Careers – 9-10  
Cosmetology – 9  
Culinary Arts – 9  
Dance – 9-11  
Design & Production – 9-11  
Digital Instrumental Music – 9-11  
IT-Computer Sci. & Interactive Media Production – 9  
Literary Arts – 9-11  
Visual Arts – 9-11  
Vocal Music – 9-11

**Kenwood High School**  
International Baccalaureate DP – 9-10  
Sports Science Academy – 9-10

**Lansdowne High School**  
Academy of Arts & Communications (Dance, Instrumental Music, Mass Communications, Theatre, Visual Arts, Vocal Music) – 9-10  
Academy of Health & Human Services – 9-10  
Academy of Science, Engineering & IT – 9-10

**Milford Mill Academy**  
Acting – 9-10  
Automotive Service Technology – 9-10  
Building and Construction Technology – 9-10  
Cosmetology – 9-10  
Dance – 9-10  
Design & Production – 9-10  
Instrumental Music (Band, Strings) – 9-10  
Literary Arts – 9-10  
Visual Arts – 9-10  
Vocal Music – 9-10

**New Town High School**  
International Baccalaureate – 9-10

**Overlea High School**  
Health Sciences – 9-10

**Parkville High School**  
Mathematics, Science & Computer Science (Computer Science, PLTW Engineering, Interactive Media, IT-Networking & Cyber Security) – 9  
Teacher Academy of Maryland – 9

**Patapsco High School & Center for the Arts**  
Acting – 9-11  
Dance – 9-11  
Design & Production – 9-11  
Instrumental Music (Band, Strings) – 9-11  
Literary Arts – 9-11  
Visual Arts – 9-10  
Vocal Music – 9-11

**Randallstown High School**  
Academy of Health Professions – 9  
Multimedia Communications – 9-10

**Sollers Point Technical High School**  
*Note: These are half-day programs ONLY.*  
Academy of Health Professions – 9-10  
Automotive Service Technology – 9-10  
Baking & Pastry – 9-10  
Biomedical Sciences – 9  
Building and Construction Technology– 9-10  
Cosmetology – 9-10  
Culinary Arts – 9-10  
Diesel Truck & Power Systems – 9-10  
IT-Computer Science – 9-10  
IT-Networking & Cyber Security – 9-10

**Sparrows Point High School**  
Environmental Studies – 9-10

**Towson High School**  
Law & Public Policy – 9

**Western School ofTechnology & Environmental Science**  
Academy of Health Professions – 9  
Automotive Service Technology – 9  
Cosmetology – 9  
Culinary Arts - 9  
Environmental Science – 9  
Environmental Technology – 9  
Graphic/Print Communications – 9  
IT-Computer Science – 9  
IT-Networking – 9  
Mechanical Construction/Plumbing Careers – 9  
Sports Science Academy – 9

**Woodlawn High School**  
Early College – 9  
Mathematics, Science & Engineering – 9-10

# High School Programs

**Academy of Arts & Communication Lansdowne**  
- offers specialized pathways in:

**Visual Arts** – allows students to develop skills in studio art, photography, 3D design, and multimedia. Students may choose to concentrate on one or more of these art forms through advanced level courses and independent studies. Studio art includes the study of art history, drawing, painting and printmaking. Photography includes darkroom and digital approaches, as well as the history and professional applications of photography. 3D design includes ceramic sculpture and exploration of alternative mediums through independent studies.

**Mass Communications** – provides students with opportunities to acquire and develop skills in TV broadcasting, multimedia, and/or journalism. Students may elect to take courses to gain proficiency in graphic design, digital rendering, animation, Web design, and desktop publishing; work in an on-site TV studio set; and apply classroom experience in practical applications in journalism and photo journalism.

**Theatre Arts** – allows students to work in a variety of performance settings, showcase their talents, and work behind the scenes with sound, lighting, construction, set and costume design and construction, and theatre management.

**Vocal Music** – provides students with a strong choral and ensemble focus, as well as solo performances in opera and musical theatre. Students study vocal fundamentals and technique, sight reading, opera/musical theatre, acting, movement, history, and criticism and may also work with music technology, recording, and engineering.

**Instrumental Music** – allows students to develop individual talents and skills in ensemble performance, sight-reading, and music theory. Students are prepared for conducting and solo performances in advanced settings and are exposed to composing and recording technology.

**Dance** – addresses aesthetic education, dance composition, dance history, repertory, choreography, creative expression, production, performance, criticism, and connections between dance and healthy living. Ballet, jazz, modern, and student choreography are emphasized.



**Academy of Arts, Multimedia & Communications Chesapeake**  
- offers specialized pathways in:

**Fine Arts**– provides opportunities for students to develop 2-dimensional and 3-dimensional works through a variety of traditional, non-traditional, and digital mediums. Courses, such as photography, clay, and AP studio are designed to develop design thinking, personal voice, and media techniques.

**Interactive Media Production** \*† - provides students with experiences in Web site development, internet technology, computer graphics, digital media and entertainment production, and project management. Students develop skills in photo/video imagery, animation, non-linear video editing, Web page design, basic game development, and mobile/handheld application development. Students complete a professional portfolio which can be used to apply for advanced/continuing education programs and employment. Students may also earn industry certification in Adobe® Creative Suite® and Web design.

**Journalism/Communications** – provides students with a strong foundation in journalism and public speaking, with opportunities for in-depth study of broadcast journalism, technical writing, media broadcasting and editing, advertising, film analysis, public relations, and desktop publishing.

**Career and Technical Education Completer Programs (CTE)**  
CTE completer programs provide students with BOTH relevant career skills preparation AND rigorous academic skills.

A completer program is a sequence of courses in a specific career pathway that provides a minimum of four credits in a CTE program (not individual elective courses). All completer programs are approved by the Maryland State Department of Education (MSDE), and completion of the required CTE completer credits meets MSDE graduation requirements at the high school level.

Students who successfully complete a CTE program in most career pathways are eligible for articulated community college credit. (Some CTE programs offer as many as 21 articulated [FREE] college credits!)

Students who wish to follow a CTE career completer program may pursue career paths at their comprehensive high schools or may apply to one of the magnet career and technical programs offered by Baltimore County Public Schools.

For information about CTE programs in comprehensive schools, please contact the Office of Career and Technical Education at (443) 809-8921 or visit their Web site ([tinyurl.com/CTEducation](http://tinyurl.com/CTEducation)).



# High School Programs

## Academy of Business & Information Technology \* Chesapeake

- offers specialized pathways in:

**Business Management ‡** – provides opportunities for students to manage and supervise activities related to the organization of a business. Students develop and implement a business plan and learn to provide effective and efficient management of business operations.

**Marketing ‡** – provides opportunities for students to strategize business activities related to selling, customer support services, and public relations. Students analyze customer markets, determine product mix, pricing, promotion, distribution, and learn public relations strategies.

## Information Technology–Computer Science ‡

– allows students to design, develop, and test software solutions and develop expertise in project management and programming languages, as well as introductory computer science.



## Academy of Health & Human Services Lansdowne

- offers specialized pathways in:

**Childcare and Early Childhood Education ‡**  
– prepares students to work in fields related to the education and care of young children in early childhood settings, such as day care centers, pre-school programs, and kindergarten. Developmental stages of children, learning theories, and methods and materials of teaching young children are included in this program. Application of skills continues through working in a child development laboratory situation. The 90-hour childcare certificate issued by the State of Maryland may be earned through successful completion of this program.

**Nutrition and Food Science ‡** – prepares students for careers and postsecondary study in the areas of dietetics, food science and nutrition, and food service in commercial and/or institutional settings. Students explore careers related to the preparation and service of food and the planning of healthy diets. Scientific principles are applied to the study of food selection, production, preparation, and processing. Computer technology and applications are a vital component of this program.  
\* This program is also available as an IB Career-related Programme at New Town High

**Army JROTC** – motivates young people to be better citizens. The program is not an army recruitment program. Students share in the vision of quality citizenship, character, and leadership as they progress through the curriculum and develop partnerships with the community and educational institutions.

## Carpentry Careers or Electrical Careers \*‡

- provides instruction and experiences related to residential and commercial applications. Students may participate in job shadowing, internships, and school-to-work programs. Students successfully completing the program are eligible for placement in the Associated Builders and Contractors’ (ABC) Apprentice Program.



## Academy of Health Professions \*‡ Eastern, Randallstown, Sollers Point, & Western

- provides students with project and problem-based learning, clinical and internship experiences, and classroom and lab instruction related to the field of healthcare. Students are introduced to healthcare knowledge and skills through two foundation courses: Foundations of Medicine and Health Science and Structure and Functions of the Human Body. Students may then choose from several course combinations to complete the four-course sequence. Students may participate in a supervised clinical experience course, have the opportunity to design and participate in an internship, and/or enroll in a pre-requisite course at the local community college. Depending upon location, students may have the opportunity to apply what they are learning to real-life healthcare situations in a medical specialty course, such as Certified Nursing Assistant or Pharmacy Technician and may earn state and/or nationally recognized credentials after passing licensure examinations. Course offerings, internship opportunities and articulated college credit may vary at program locations.

\* Articulated college credit may be earned from the Community College of Baltimore County.

‡ Students may earn a minimum of four MSDE Career & Technical Education (CTE) credits for graduation.

□ Transcribed credit may be earned from Stevenson University, Community College of Baltimore County, and various out-of-state universities.

## Academy of Leadership & Humanities Chesapeake

- offers specialized pathways in:

**Homeland Security-Criminal Justice \*‡** – prepares students to apply technical information and broad knowledge in the growing field of criminal justice for entry-level positions and continued education. Students develop specific skills in communication, human relations, criminal law, and criminalistics.

**Marine JROTC** – provides students with information and valuable life-long learning skills. The military science program focuses on living the leadership traits and core values of honor, courage, and commitment. Students practice self-discipline, teamwork, and citizenship through leadership experiences, career exploration, and general military subjects.



## Academy of Science, Engineering & Information Technology Lansdowne

- offers specialized pathways in:

**Project Lead The Way (PLTW) Biomedical Sciences ‡ □**  
- offers an intense focus on the concepts of human medicine and biomedical innovations through an introduction to physiology, genetics, microbiology and public health. PLTW courses are structured so students acquire strong teamwork and communication skills. Students develop organizational, critical-thinking, and problem-solving skills as they investigate various health conditions and infectious diseases, examine the interactions of human body systems, and explore how to prevent and fight infection. Students in the program may participate in an internship, clinical experience, or conduct independent research in the biomedical sciences field.  
\* This program is also available as an IB Career-related Programme at New Town High.

**Engineering and Information Technology**  
– offers a unique combination of engineering and programming courses in order to prepare students with the ability to design and construct both physical structures, such as bridges, houses, and machinery, and computer programs, such as Web sites and apps. This blend of digital and non-digital constructions strengthens students’ abilities to be effective in multi-disciplinary environments.

## Academy of Science, Engineering & Mathematics Chesapeake

- offers specialized pathways in:

**Project Lead The Way Engineering/ Aerospace Science \*‡** – provides students with the opportunity to develop thinking skills as they design and build solutions to authentic engineering problems. Students analyze, evaluate, and produce models of project solutions and digital circuitry using industry-standard computer software. Students apply scientific and engineering concepts to design materials and processes that directly measure, repair, improve, and extend systems in different environments. (Successful completion of Grade 8 Algebra I is strongly recommended for the Engineering Pathway.)

**Environmental Science** – provides opportunities for students to investigate the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify both natural and human-made environmental problems, analyze the relative risks associated with these problems, and examine alternative solutions for resolving and/or preventing them.

**Mathematics** – provides opportunities for students to develop a pure understanding of the connections between Algebra and Calculus as they learn mathematics through the use of technology and explore careers in the field.





# High School Programs



## Acting

### Carver Center, Milford Mill & Patapsco

– allows students to work in a variety of performance settings, including traditional and black box theatres. Guest artists enhance student experiences and allow for individual talent development in drama, comedy, and musical theatre. Several performances throughout the year allow students to showcase their talents to a wide audience. Previous experience, though not expert level, is expected for applicants. (Program content and available resources may vary at each location.)

## Automotive Service Technology \*‡

### Milford Mill, Sollers Point, & Western

– introduces students to automotive service and repair. Students perform selected skilled services outlined in National Automotive Technician's Education Foundation (NATEF) requirements using specialized tools and equipment on late-model vehicles. Students learn Automotive Service Excellence (ASE) certified skills through computerized content instruction, shop demonstrations, diagnostic testing, and hands-on activities performed on shop vehicles.

## Project Lead The Way (PLTW)

### Biomedical Sciences ‡ □

#### Sollers Point

– offers an intense focus on the concepts of human medicine and biomedical innovations through an introduction to physiology, genetics, microbiology and public health. PLTW courses are structured so students acquire strong teamwork and communication skills. Students develop organizational, critical-thinking, and problem-solving skills as they investigate various health conditions and infectious diseases, examine the interactions of human body systems, and explore how to prevent and fight infection. Students in the program may participate in an internship, clinical experience, or conduct independent research in the biomedical sciences field.

\* This program is also available as an IB Career-related Programme at New Town High.

## Building & Construction Technology \*‡

### Eastern, Milford Mill, & Sollers Point

– provides students with knowledge and principles of carpentry, plumbing, electrical, and HVAC systems. This hybrid construction program involves the construction of modular units, with a high degree of completion of interior elements, and presents the construction side of the manufactured construction industry. Additional curriculum modules, covering project management and project supervision as it relates to all areas of Construction Trades, are offered as supplemental resources. Students who successfully complete the program are eligible for certification through National Craft Assessment and Certification (NCCER) and Occupational Safety and Health Administration (OSHA).

## Carpentry Careers \*‡

### Carver Center

– provides students with information and experience related to residential and commercial construction. Students are also taught the unique skills associated with set construction, theater set-up, and related performing arts project construction. Students who successfully complete the program are eligible for advanced placement in the Associated Builders and Contractors' (ABC) Apprentice Program. They may also be eligible for advanced placement and/or testing opportunities through other union or non-union apprenticeship programs and National Craft Assessment and Certification (NCCER).

\* Articulated college credit may be earned from the Community College of Baltimore County.

‡ Students may earn a minimum of four MSDE Career & Technical Education (CTE) credits for graduation.

□ Transcribed credit may be earned from Stevenson University, Community College of Baltimore County, and various out-of-state universities.

## Cosmetology ‡

### Carver Center, Milford Mill, Sollers Point & Western

– provides students with the information and skills to perform services on the hair, skin, and nails, as well as skills in professional development, communication and marketing. A required 1,500 hours of course instruction qualifies the student to take the State of Maryland Cosmetology license exams. Taking the state exam is a graduation requirement to become a Cosmetology program completer.

## Culinary Arts \*‡

### Culinary Arts

### Carver Center, Eastern, Sollers Point, & Western

– provides students with instruction in basic food and bakeshop production, nutrition, management training, service skills, human relations, and menu development, utilizing the ProStart program developed by the National Restaurant Association Education Foundation. Students who successfully complete the sanitation course will qualify to take the ServSafe examination for national certification.

## Baking and Pastry

### Sollers Point

– provides students with instruction in advanced bakery production of breads and desserts, basic food and bakeshop production, service skills, and human relations, utilizing the American Culinary Federation (ACF) guidelines. Students who successfully complete the sanitation course will qualify to take the ServSafe examination for national certification.



## Dance

### Carver Center, Milford Mill & Patapsco

– emphasizes rigorous training in ballet and modern techniques, as well as jazz, tap, and musical theatre. Students develop skills through experiences in aesthetic education, dance composition, Labanotation, repertory, choreography, creative expression, production, performance, criticism, and connections between dance and healthy living. Previous experience, though not expert level, is expected for applicants. (Program content and available resources may vary at each location.)

## Design and Production

### Carver Center, Milford Mill & Patapsco

– provides students with opportunities to engage actively in live stage production work with sound, lighting, set design and construction, costume design, and theatre/stage management. Previous experience, though not expert level, is expected for applicants. (Program content and available resources may vary at each location.)

## Diesel Truck and Power Systems \*‡

### Sollers Point

– prepares students to repair diesel-powered heavy-duty equipment, automobiles, light trucks, and boats. Students will learn to diagnose malfunctions and repair engines and brakes, as well as hydraulic, electrical, electronic, steering, and power transmission systems. Students will be expected to sit for each ASE certification exam at each level of the program. Students may earn certifications in Diesel Engines, Suspension and Steering, Brakes, Electrical/Electronic Systems, and Preventive Maintenance Diesel Engines.

## Digital Instrumental Music

### Carver Center

– prepares students for a broad range of professional activities in the music world. Students use their musicianship to enhance and complement their understanding of music theory, music literature, and music production in order to compose, perform, and produce their own music and the music of others. Students explore analog and digital technologies to apply those technologies to recording, composition, and performance as an individual musician and in ensembles.



## National Magnet Schools Month - February 2021

2nd place, High School Level  
Magnet Schools of America National Student Poster Design Contest  
Ngina R., Grade 12  
Randallstown High School



# High School Programs

## Early College\* Woodlawn

- provides students with a program that combines high school and college in a supportive, yet rigorous educational environment. Through a partnership with the Community College of Baltimore County, students will have the opportunity to simultaneously earn a high school diploma and an Associate of Arts degree or up to 60 credits toward a bachelor's degree. Students will earn credits through course work completed at both the high school campus and/or at the community college campus. College credits are tuition free.

## Engineering Careers \*‡ Eastern

- provides students who are interested in the various fields of research or applied mathematics, science, computer-aided design, computer programming, and engineering with a challenging four year program of required and elective subjects geared to match their interests and to prepare them for a college or university engineering program. The programs are designed for highly motivated students and offer enriched and accelerated course work, as well as the possibility to work with professionals in the multiple fields of engineering.

*\* Articulated college credit may be earned from the Community College of Baltimore County.*

*‡ Students may earn a minimum of four MSDE Career & Technical Education (CTE) credits for graduation.*

*□ Transcribed credit may be earned from Stevenson University, Community College of Baltimore County, and various out-of-state universities.*



**Environmental Science / Studies Sparrows Point & Western**  
- offers opportunities for science-oriented and environmentally motivated students to participate in authentic situations as real environmental scientists. Students experience field study, discuss and act on environmental issues, learn about the environment from the perspectives of history, law, and public policy, and strive to understand the balance between environment, politics, economics, and culture. Students may pursue Gifted & Talented, Advanced Placement, and college articulated course work. Research and internship opportunities may also be available.

**Environmental Technology \*‡ Western**  
- emphasizes hands-on experiences and fieldwork where students act as environmental professionals, completing projects and solving problems in environmental design, planning, monitoring, and conservation. Environmental Technology is a career field that applies the principles of math, science, technology, engineering, communications, economics, and law to ensure sustainability, as well as human health and safety. Students work with mentors to participate in and create a variety of projects such as constructing and monitoring an aquaculture system, wetland restoration, and landscaping. Students acquire a variety of computer skills used by environmental engineers, planners, and resource managers, including Geographic Information Systems (GIS). Environmental Technology offers both career oriented and articulated course work for two- and four-year colleges in environmental sciences and technology.

**Graphic/Print Communications \*‡ Western**  
- provides students with fundamental workplace, technical, and interpersonal skills necessary to enter and succeed in diverse careers associated with the graphic/print communications industry using a variety of equipment and state-of-the-art software. A partnership with Printing and Graphics Association Mid-Atlantic and the Community College of Baltimore County provides students with the opportunity to receive on-the-job training and earn national PrintED certification.

**Health Sciences\*‡ Overlea**  
- provides all students at Overlea High with an opportunity to participate in health and wellness-related lessons and activities, including units of study on Healthy Bodies, Healthy Minds, and Healthy Relationships; bi-annual community health fairs; field trips to local science/healthcare settings; optional First Aid, CPR, and Stop the Bleed training; and diverse academic experiences which include a number of Career and Technical Education pathways, such as Food and Beverage Management (ProStart), Business Management, Homeland Security and Emergency Preparedness, Information Technology: Computer Science, and Academy of Health Professions: Physical Therapy Assistant and Dental Assistant. All pathways maintain a schoolwide emphasis on student wellness.



**Information Technology \*‡ Computer Science Carver Center, Sollers Point & Western**  
- prepares students for further study and careers in the field of Computer Science through programming, hardware design, networks, graphics, databases and information retrieval, cyber security, software design, programming languages, logic, programming paradigms, translation between levels of abstraction, artificial intelligence, the limits of computations, applications in information technology and information systems, and social issues (Internet security, privacy, and intellectual property). Students may pursue Advanced Placement and college articulated course work. At Carver Center, IT-Computer Science is combined with Interactive Media Production. Students are expected to complete the requirements of both programs.

**Networking (CISCO) Eastern, Sollers Point, & Western**  
- prepares students with fundamental and advanced computer, interpersonal, and problem-solving skills necessary for success in computer career fields. The Networking Pathway provides students with a background in hardware, software, and/or telecommunications. Computer-aided troubleshooting and instruction is integrated into the learning process. Cyber Security coursework is also provided at Sollers Point. Students who successfully complete the Networking Pathway are eligible to take the Cisco Certified Network Associate (CCNA), A+, and CCENT examinations. Course offerings, internship opportunities and articulated college credit may vary at program locations.  
\* This program is also available as an IB Career-related Programme at New Town High.

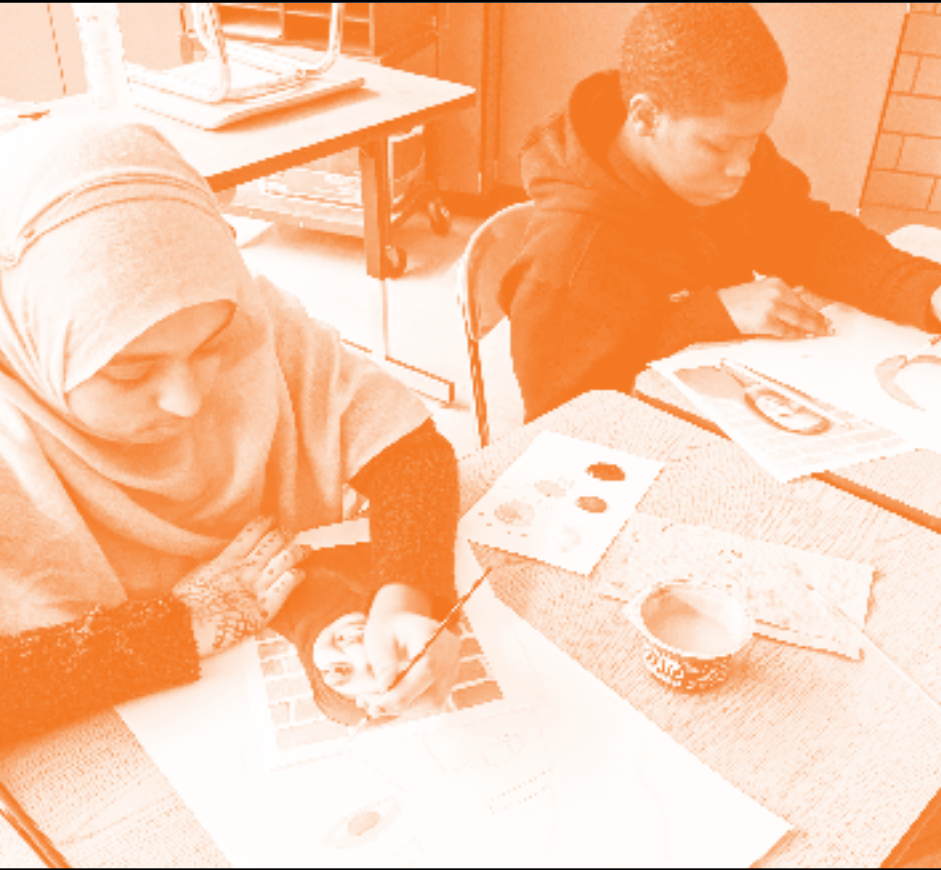
**Instrumental Music Milford Mill & Patapsco**  
- allows students to develop their individual talents as well as skills in ensemble performance, sight-reading, and music theory. Students are also prepared for conducting and solo performances in advanced settings and are exposed to composing and recording technology. Previous experience, though not expert level, is expected for applicants. (Program content and available resources may vary at each location.) (Instrumental Music does not include the study of guitar or piano)

**Interactive Media Production \*‡ Carver Center & Eastern**  
- provides students with experiences in Web site development, internet technology, computer graphics, digital media and entertainment production, and project management. Students develop skills in photo/video imagery, animation, non-linear video editing, Web page design, basic game development, and mobile/handheld application development. Students complete a professional portfolio which can be used to apply for advanced/continuing education programs and employment. Students may also earn industry certification in Adobe® Creative Suite® and Web design. At Carver Center IT-Computer Science is combined with Interactive Media Production; students are expected to complete the requirements of both programs.  
\* This program is also available as an IB Career-related Programme at New Town High.





# High School Programs



**International Baccalaureate**  
**Kenwood & New Town**

- provides a rigorous, academic program that gives students a global perspective to prepare them for college. Students in Grades 9 and 10 participate in interdisciplinary instruction across all content areas based on the International Baccalaureate Middle Years Programme framework. At Kenwood, students in Grades 11 and 12 transition into the internationally recognized IB Diploma Programme (IB DP). At New Town, students in Grades 11 and 12 select either the IB DP or the Career-related Programme (IB CP), in which they can specialize in PLTW-Biomedical Science, Nutrition and Foods Science, Cisco Networking and Cyber Security, or Interactive Media Production pathways. Based on individual interest, students at both schools will select and explore a variety of courses in depth and breadth to develop individualized research and community-based action projects. Students completing the requirements may receive college credit for IB coursework.

**Law & Public Policy**  
**Eastern & Towson**

- provides opportunities for college-bound students to investigate topics and hone skills in law and public policy as they develop strong communication, writing, and presentation skills. The Gifted and Talented and Advanced Placement course work incorporates the use of technology and independent student research. Students participate in field experiences and job shadowing opportunities in law and government professions. Internships are available for seniors.

**Literary Arts**  
**Carver Center, Milford Mill, & Patapsco**

- allows students to develop originality and style in writing through serious reading, writing, thinking, observation, practice, and discipline. Throughout this four-year course of study, students pursue an enriched and sequential set of literary experiences in an atmosphere that celebrates the diversity of human perspectives, that promotes lively exchange of ideas, and that nurtures the development of each writer’s voice.

**Mathematics, Science & Computer Science**  
**Parkville**  
- provides opportunities for advanced learning and interdisciplinary study at accelerated levels in the unique application of mathematics to computer science. Students select a pathway specializing in:  
**Computer Science**  
**Interactive Media Design**  
**Informational Technology - Networking & Cyber Security**  
**Project Lead The Way (PLTW) Engineering**

Through classroom instruction and access to these special programs, students apply their developing skills to software development, computer graphics, robotics, digital electronics, object-oriented programming (computer game design) and 3D CADD (Computer Aided Drafting and Design).

Students are encouraged to take Gifted and Talented and Advanced Placement classes and are prepared to enter college in any field that matches their interest, with specific concentration on the computer sciences. Students applying to Grade 10 are expected to have completed or to be enrolled in Algebra II or Geometry.

**Mathematics, Science & Engineering** \*‡  
**Woodlawn**

- provides students with a highly competitive college preparatory program, offering challenging courses of study at the gifted and talented level in the fields of mathematics, science, and engineering. Using Project Lead The Way’s engineering curriculum, students are introduced to the scope, rigor, and discipline of engineering and engineering technology.



**Mechanical Construction/Plumbing Careers** \*‡  
**Western**  
- prepares students in residential and commercial construction to install and maintain water supply systems, waste removal systems, and various fixtures and gas appliances that provide for personal comfort in the home or commercial business setting. Students who successfully complete the program are eligible for advanced placement in the Associated Builders and Contractors’ (ABC) Apprentice Program. They may also be eligible for advanced placement and/or testing opportunities through other union or non-union apprenticeship programs and National Craft Assessment and Certification (NCCER).

**Multimedia Communications**  
**Randallstown**  
- offers specialized pathways in:  
**Mass Communications** – allows students to work together to communicate information through television and radio broadcasting, video production, and journalism.  
**Visual Communications** – provides opportunities for students to communicate ideas in a variety of mediums through digital and graphic design, photography, and desktop publishing.

Both pathways include internship opportunities for seniors as well as parallel college enrollment.

*\* Articulated college credit may be earned from the Community College of Baltimore County.*

*‡ Students may earn a minimum of four MSDE Career & Technical Education (CTE) credits for graduation.*

*□ Transcribed credit may be earned from Stevenson University, Community College of Baltimore County, and various out-of-state universities.*



**Sports Science Academy**  
**Kenwood & Western**  
- invites students to a world of leadership and career-research opportunities. The program is open to students who wish to pursue an interdisciplinary core curriculum and investigate careers in sports, health, and fitness fields, including sports medicine. Magnet concentrations include: Sports Education, Sports Business, Sports Communication, and Sports Management. Student internships are available.

**Teacher Academy of Maryland** \*‡  
**Eastern & Parkville**  
- prepares students for a variety of careers in the education profession. The program consists of four high school credits that focus on teaching as a profession, human growth and development, learning theory, and curriculum and instruction. In their senior year, students demonstrating proficiency have the opportunity to participate in internships in elementary, middle, or high school settings. Students who agree to teach in the state of Maryland may qualify for the Hope Scholarship, offered to college students by the Maryland State Department of Education.

**Visual Arts**  
**Carver Center, Milford Mill & Patapsco**  
- allows students to explore their interests in graphic and traditional fine arts. Students develop their talents through the study of art history, drawing, painting, sculpture, photography, computer graphics, multimedia, or televideo. Students build a professional portfolio, which can be used to gain admission to post-secondary study or employment as a working artist.

**Vocal Music**  
**Carver Center, Milford Mill & Patapsco**  
– prepares students for solo and ensemble performances in a variety of musical genres including opera and musical theatre. Course work includes vocal fundamentals and technique, sight reading, and music history, theory, and criticism. Students may also work with music technology, recording, and engineering. Previous experience, though not expert level, is expected for applicants. (Program content and available resources may vary at each location.)





# Admissions Process



### Priority Placements

**Child of an Employee** – When an employee's primary work site is a school with a magnet program and the employee's child applies to a magnet program in that school, the child will be given priority placement in the magnet program as follows:

- For elementary and middle school magnet programs, the child must be an eligible applicant.
- For high school magnet programs, the child must be an eligible applicant and earn an evaluation score of 80% or higher.

**Kindergarten Sibling Priority Placement** - At the elementary level, eligible Kindergarten applicants who have an older sibling who is currently enrolled in and who will continue to attend the same magnet program for which admission is being sought receive priority placement for that program.

**High School Program Priority Placement** - Up to 20% of the available seats will first be filled by applicants with a total evaluation score of 80% or higher and who earn the highest scores on the magnet assessment(s).

### Lottery Process

Magnet program placements are made through a random lottery process.

If there are fewer applicants than seats available for a magnet program, all eligible applicants are offered placement.

Elementary and Middle School magnet programs – If the number of applicants exceeds the number of seats available, seats are first filled with priority placements and then a random lottery is conducted to fill all remaining seats and to generate a waitlist.

High School magnet programs – If the number of applicants exceeds the number of seats available, seats are first filled with priority placements. Next, a random lottery of applicants who earn a total evaluation score of 80% or higher will be conducted to fill available seats and to generate a waitlist. Finally, a random lottery will be conducted in order of descending evaluation scores (79%, 78%, 77%, etc.) to fill available seats and generate a waitlist.



### Notification

All applicants receive email notification of their admissions status from BCPS Magnet Programs. Magnet admission decisions for elementary and middle school applicants will be released by February 4, 2022 (date subject to change). Magnet Decision Results for high school applicants will be released by March 4, 2022 (date subject to change). The following admission decisions are possible:

- **Admitted:** The applicant qualified and is offered a seat in the program.
- **Waitlisted:** The applicant qualified but is not offered a seat at that time. Instead, the applicant is assigned a waitlist number based on his/her computer-generated random placement.
- **Disqualified:** The applicant did not complete the application/assessment process. Applications are considered incomplete if any required materials are not submitted or if the high school applicant does not attend the required audition/assessment. The applicant is not offered admission to the program nor placed on the waitlist.
- **Not Eligible:** An application was submitted for a program to which the applicant could not apply due to residency, age-of-entry status, or grade-level restrictions.

### Decision Release Dates

**Elementary & Middle School**  
**February 4, 2022**  
(date subject to change)

**High School**  
**March 4, 2022**  
(date subject to change)



### Waitlists

Only students who applied by the application deadline and meet the qualification requirements for a magnet program can be placed on a waitlist. When there are more applicants for a magnet program than there are seats to accommodate them, a random lottery selection process is used to fill the available seats and create a waitlist for the program. Placement on the waitlist means, as a result of the random lottery process, the child was not selected for initial placement. If a student who was offered admission declines the placement, the unfilled seat can then be offered to students on the waitlist. Waitlists are maintained until the close of business on the last day of the first quarter of the school year for which admission is sought.

Applicants placed on a waitlist will receive a waitlist number. The waitlist number indicates the child's position on the waitlist. Unfilled seats are offered to students in ascending order of the waitlist number, starting with the student who has waitlist number 1.

The Waitlist Status for all programs is posted on the BCPS Magnet Programs' [Web site](#) beginning in mid-April. The posted waitlist will identify the next waitlist number to be contacted if a program seat becomes available, as well as the next scheduled update.





(443) 809-4127

[Magnet@bcps.org](mailto:Magnet@bcps.org)

[www.tinyurl.com/BCPSmagnet](http://www.tinyurl.com/BCPSmagnet)

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