Baltimore County Public Schools
High School Magnet Programs
Apply online at www.bcps.org/offices/omp.

Please keep this brochure as a reference throughout the application cycle.
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 different interests, talents, and aptitudes. All magnet programs fulfill Baltimore County Public Schools’ requirements for promotion and graduation.

Who may apply to high school magnet programs?
Students who are eligible to attend a Baltimore County public high school may apply. All programs have entry grade-level restrictions.

Students who are homeless are entitled to apply to a magnet program just as any other student. Please refer to PS 512 (www.bcps.org/offices/sss/psManual/PS512.pdf) for additional information.

May I select more than one magnet program on the application?
You may select one (1) magnet program per school and up to three (3) schools.

May I fax my application?
No. Applications are to be submitted online, sent via U.S. mail or an approved carrier, or hand-delivered to the Office of Magnet Programs by Monday, November 30, 2015.

How will I know that my application was received?
Online applicants will receive an e-mailed confirmation of receipt. For verification of mailed applications, parents are strongly encouraged to send the application via certified mail — return receipt requested. Receipts will be provided for hand-delivered applications.

What happens if my mailed application is received after the deadline or is not received?
Applications will not be processed without proof of timely submission (i.e., certified mail receipt). This includes applications postmarked or received without a legible postal date stamp after the deadline, November 30, 2015.

May I change my program selection(s)?
ANY changes in program selection(s) MUST be made by submitting a REVISED application by the application deadline, November 30, 2015.

If I am currently on a wait list for a high school magnet program, do I need to re-apply?
All students seeking admission to a magnet program for the 2016–2017 school year, including those on a wait list for the 2015–2016 school year, must apply. All programs have entry grade-level restrictions.

Do students currently enrolled in middle school magnet programs get preferential placement?
No. All students who are eligible to apply to high school magnet programs receive equal consideration in the application process.

Do siblings of students in high school magnet programs get preferential placement?
No. Siblings, including multiples, are not a factor in high school magnet program placements.

How are students selected for placement?
In order to be considered for placement, a student must qualify for the magnet program. Available seats are first filled with priority placements. A random lottery is conducted to fill all remaining available seats and to generate a wait list. (See Superintendent’s Rule 6400 for additional information.)

How does a student qualify for a magnet program?
Admission criteria established for entrance into most high school magnet programs include academic performance and a magnet assessment. In order to qualify, students must earn at least 80 of 100 points in the evaluation process. Specific information about admission criteria and scoring guidelines is available on the Office of Magnet Programs’ Web site (www.bcps.org/offices/omp).

How is academic performance evaluated?
Academic grades, current mathematics enrollment, and attendance may be reviewed. Students are awarded points for meeting established standards. 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 the Baltimore County Public Schools.

What is the magnet assessment?
Each school conducts assessments that 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 and to ensure that the applicant attends the assessment on the published date. Assessment Guidelines are available on the Office of Magnet Programs’ Web site (www.bcps.org/offices/omp).

What if my child has documented testing accommodations?
Documented testing accommodations and modifications will be provided during the magnet assessment process at the schools. Parents of students not attending a Baltimore County public school must submit documentation of testing accommodation requirements with the magnet application.

How and when will I be notified of my admission status?
Magnet decision letters will be mailed by March 9, 2016 (date subject to change).
Baltimore County Public Schools provides transportation to and from magnet programs in secondary schools 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.
<table>
<thead>
<tr>
<th>Step 1</th>
<th>Review Application and Admissions Process</th>
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<tbody>
<tr>
<td></td>
<td>• Review Application and Admissions Process</td>
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<tr>
<td></td>
<td>• Read magnet brochure and application carefully. Application available ONLINE and in this brochure.</td>
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<tr>
<td></td>
<td>• Visit Magnet Office Web site (<a href="http://www.bcps.org/offices/omp">www.bcps.org/offices/omp</a>).</td>
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<tr>
<td></td>
<td>• Attend Magnet EXPO! and magnet showcase events. (See back cover.)</td>
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<td>• Obtain and read Superintendent’s Rule 6400: Magnet Programs.</td>
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<tr>
<th>Step 2</th>
<th>Select Programs of Interest</th>
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<tbody>
<tr>
<td></td>
<td>• Consider student’s interests, talents, and abilities.</td>
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<tr>
<td></td>
<td>• Read magnet program descriptions in this magnet brochure.</td>
</tr>
<tr>
<td></td>
<td>• Visit Magnet Office Web site (<a href="http://www.bcps.org/offices/omp">www.bcps.org/offices/omp</a>) for FAQs, admission criteria, assessment guidelines, and other information about programs of interest.</td>
</tr>
<tr>
<td></td>
<td>• Attend magnet showcase events to learn about programs of interest.</td>
</tr>
<tr>
<td></td>
<td>• Consider grade/age requirements, geographic location, and transportation availability.</td>
</tr>
<tr>
<td></td>
<td>• Review admission criteria and assessment guidelines for each program of interest.</td>
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<tr>
<th>Step 3</th>
<th>Carefully Complete Application</th>
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<td>• If applying online, read and follow ALL directions carefully. Complete each section of the application.</td>
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<td></td>
<td>• If applying by mail, read ALL directions and information boxes carefully and complete each section of the paper application. Print information neatly in blue or black ink. Write numbers clearly.</td>
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<tr>
<td></td>
<td>• Select no more than THREE (3) schools and only ONE (1) program per school. Mark selections carefully.</td>
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<tr>
<td></td>
<td>• Ensure paper application is signed and dated by parent.</td>
</tr>
<tr>
<td></td>
<td>• Submit required non-BCPS report card(s) and documented testing accommodations as needed (for students who attend(ed) non-BCPS schools.).</td>
</tr>
<tr>
<td></td>
<td>• Review application to ensure it is completed correctly. <strong>NOTE:</strong> ANY changes in program selection(s) MUST be made by submitting a REVISED application by the application deadline, November 30, 2015.</td>
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<tr>
<td></td>
<td>• Make copy of application and accompanying documents for your records.</td>
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<tr>
<th>Step 4</th>
<th>Apply Online or Submit Paper Application by Deadline Date, Monday, November 30, 2015</th>
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<tr>
<td></td>
<td>Apply online at <a href="http://www.bcps.org/offices/omp">www.bcps.org/offices/omp</a> until 1 p.m. on Monday, November 30, 2015.</td>
</tr>
<tr>
<td></td>
<td>Mail the application to: High School Magnet Application Baltimore County Public Schools 105 W. Chesapeake Avenue Jefferson Building Towson, MD 21204 Postmarked by November 30, 2015 (certified mailing recommended)</td>
</tr>
<tr>
<td></td>
<td>Hand-deliver the application to the Office of Magnet Programs by 3:30 p.m. on Monday, November 30, 2015.</td>
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<tr>
<th>Step 5</th>
<th>Attend Assessment for Each Program Selection</th>
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<tr>
<td></td>
<td>• Ensure student has an appointment for each assessment. See pages 6 – 7 of this brochure for instructions.</td>
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<tr>
<td></td>
<td>• Mark assessment date(s) and time(s) on your calendar. Be aware of inclement weather dates/policies.</td>
</tr>
<tr>
<td></td>
<td>• Obtain/read/review assessment guidelines for each program to which you have applied. Have student complete all required preparations prior to attending assessment(s). Have student attend pre-assessment workshops and/or complete practice assessments for programs as provided.</td>
</tr>
<tr>
<td></td>
<td>• 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.</td>
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</table>

**NOTE:** Applications postmarked or received without a legible postal date stamp after November 30, 2015, will be considered late and will not be processed.
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, 410-887-5555.

Closings and cancellation announcements will also be made through local media.

Admission criteria have been established for entrance into magnet programs as a means of ensuring student success. Most high school magnet programs require an on-site assessment, which may consist of an interview, practicum, audition, portfolio review, test, or other assessment.

Applicants must attend the on-site assessment for each program selected on the application.

- Applicants MUST obtain the assessment guidelines for each program to which they apply. Assessment guidelines contain specific information regarding the components of each assessment and any preparation required prior to the assessment. Guidelines are available at www.bcps.org/offices/omp.
- It is the parent’s responsibility to ensure that the student has an appointment for each assessment. See pages 6 – 7 of this brochure for instructions.
- Applicants MUST arrive on time and complete the assessment for each program selected. Failure to attend and complete an assessment will disqualify the applicant for that magnet program. (Testing accommodations, as documented in the student’s active educational plan, will be provided during the assessment.)

Unforeseen Illness or Emergency: Parent(s) must inform BOTH the school and Magnet Office immediately if the applicant cannot attend or complete the scheduled assessment due to an unforeseen illness or emergency. Please be aware that assessments will not be rescheduled without documentation verifying the illness or emergency.

- Students must earn at least 80% of the established criteria points in order to qualify and be considered for placement. When the number of qualified applicants exceeds the number of available seats, available seats are first filled with priority placements. (See Superintendent’s Rule 6400 for additional information.) A centralized random lottery selection process is used to fill all remaining available seats and to generate a wait list. Wait lists of qualified applicants are maintained for each program.

For additional information, see Superintendent’s Rule 6400: Magnet Programs or contact the Office of Magnet Programs at 410-887-4127.

Documented Testing Accommodations

Applicants receiving testing accommodations as part of a documented educational plan (i.e., IEP, 504, EL, etc.) will be accommodated as follows:

1. For applicants who are currently enrolled in and attending a public school in Baltimore County, the Office of Magnet Programs will assist school-based magnet program staff in obtaining the educational plans. School-based staff will review the educational plans and provide the appropriate required accommodations.

2. Applicants not currently attending a public school in Baltimore County must submit documentation of testing accommodation requirements with the magnet school application. Upon receipt of the magnet application and testing accommodation documentation, the Office of Magnet Programs will coordinate with school-based staff to review the educational plans and provide the appropriate required accommodations.
### High School Magnet Programs Assessment Information

Applicants MUST obtain the Assessment Guidelines for each program to which they apply. Guidelines are available at www.bcps.org/offices/omp.

<table>
<thead>
<tr>
<th>School</th>
<th>Assessment Date(s)</th>
<th>Appointment Information</th>
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<tbody>
<tr>
<td>Chesapeake High School STEM Academy</td>
<td>Thursday, January 28, 2016 4 – 7:30 p.m. Arts, Multimedia, &amp; Communications, Business &amp; Information Technology</td>
<td>Individual assessment appointments must be scheduled no later than 12/11/15. Schedule your appointment online at <a href="https://bcpsonlineapplication.com/apply">https://bcpsonlineapplication.com/apply</a> or call the Magnet Office at 410-887-4127 (NOT BOTH). Pre-assessment workshop provided – 1/3/15, from 5 – 6 p.m. See Assessment Guidelines for specific information.</td>
</tr>
<tr>
<td>Eastern Technical High School</td>
<td>Tuesday, January 12, 2016 Last Name: A-L (Inclement Weather Date: January 19, 2016)</td>
<td>No Appointment Needed Test Registration: 3:30 – 4 p.m.</td>
</tr>
<tr>
<td>George Washington Carver Center for Arts and Technology</td>
<td>Tuesday, January 19, 2016 Last Name: A-L (Inclement Weather Date: January 26, 2016)</td>
<td>Individual assessment appointments must be scheduled no later than 12/11/15. Schedule your appointment online at <a href="https://bcpsonlineapplication.com/apply">https://bcpsonlineapplication.com/apply</a> or call the Magnet Office at 410-887-4127 (NOT BOTH). Pre-assessment workshops provided in November 2015. See Assessment Guidelines for specific information.</td>
</tr>
<tr>
<td>Kenwood High School</td>
<td>Wednesday, January 13, 2016 (Inclement Weather Date: January 20, 2016)</td>
<td>No Appointment Needed Test Registration: 4 – 4:30 p.m.</td>
</tr>
<tr>
<td>Lansdowne High School Academy</td>
<td>Thursday, January 28, 2016 8:30 a.m. – 12 noon Science, Engineering, &amp; Mathematics, Leadership &amp; Humanities (Inclement Weather Date: February 4, 2016, 3:30 – 8 p.m.)</td>
<td>Individual assessment appointments must be scheduled no later than 12/11/15. Schedule your appointment online at <a href="https://bcpsonlineapplication.com/apply">https://bcpsonlineapplication.com/apply</a> or call the Magnet Office at 410-887-4127 (NOT BOTH). Pre-assessment workshops provided in November 2015. See Assessment Guidelines for specific information.</td>
</tr>
<tr>
<td>Overlea High School</td>
<td>Tuesday, January 19, 2016 3 – 6 p.m. (Inclement Weather Date: January 26, 2016)</td>
<td>Individual assessment appointments must be scheduled no later than 12/11/15. Schedule your appointment online at <a href="https://bcpsonlineapplication.com/apply">https://bcpsonlineapplication.com/apply</a> or call the Magnet Office at 410-887-4127 (NOT BOTH).</td>
</tr>
<tr>
<td>Parkville High School</td>
<td>Wednesday, January 13, 2016 (Inclement Weather Date: January 20, 2016)</td>
<td>No Appointment Needed Test Registration: 4 – 4:30 p.m.</td>
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</table>

It is the responsibility of the parent to ensure that the student is on time and prepared for each assessment. Failure to attend and complete an assessment will disqualify the applicant and admission into the magnet program will be denied.
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<tr>
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<th>Appointment Information</th>
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<tbody>
<tr>
<td>Petapasco High School &amp; Center for the Arts</td>
<td><strong>Saturday, January 16, 2016</strong>&lt;br&gt;9 a.m. – 3:30 p.m.&lt;br&gt;Instrumental Music, Literary Arts, Performance Theatre, Visual Arts, Vocal Music (Inclement Weather Date: January 30, 2016)</td>
<td>Individual assessment appointments must be scheduled no later than 12/11/15.&lt;br&gt;Schedule your appointment online at <a href="https://bcpsonlineapplication.com/apply">https://bcpsonlineapplication.com/apply</a> or call the Magnet Office at 410-887-4127 (NOT BOTH). Pre-assessment workshop provided – 12/10/15, 6:30 p.m. See Assessment Guidelines for specific information.</td>
</tr>
<tr>
<td>Catonsville High School</td>
<td><strong>Saturday, January 23, 2016</strong>&lt;br&gt;8:30 a.m. – 4 p.m..&lt;br&gt;Dance, Instrumental Music, Literary Arts, Performance Theatre, Technical Theatre, Visual Arts, Vocal Music (Inclement Weather Date: January 30, 2016)</td>
<td></td>
</tr>
<tr>
<td>Catonsville High School</td>
<td><strong>Wednesday, January 20, 2016</strong>&lt;br&gt;Mass Communications (Inclement Weather Date: January 27, 2016)</td>
<td></td>
</tr>
<tr>
<td>Randlesstown High School</td>
<td><strong>Tuesday, January 19, 2016</strong>&lt;br&gt;Academy of Health Professions (Inclement Weather Date: January 26, 2016)</td>
<td></td>
</tr>
<tr>
<td>Western School of Technology &amp; Environmental Science</td>
<td><strong>Saturday, January 9, 2016</strong>&lt;br&gt;Register at: A-F (4:30 - 5 p.m.); G-L (6:30 - 7 p.m.) (Inclement Weather Date: January 13, 2016)</td>
<td>No Appointment Needed</td>
</tr>
<tr>
<td>Western School of Technology &amp; Environmental Science</td>
<td><strong>Saturday, January 16, 2016</strong>&lt;br&gt;Register at: A-F (4:30 - 5 p.m.); G-L (6:30 - 7 p.m.) (Inclement Weather Date: January 20, 2016)</td>
<td>No Appointment Needed</td>
</tr>
<tr>
<td>Sparrows Point Technical High School</td>
<td><strong>Saturday, January 9, 2016</strong>&lt;br&gt;Last Name: A-L (Inclement Weather Date: January 13, 2016)</td>
<td>No Appointment Needed</td>
</tr>
<tr>
<td>Sparrows Point Technical High School</td>
<td><strong>Saturday, January 16, 2016</strong>&lt;br&gt;Last Name: M-Z (Inclement Weather Date: January 20, 2016)</td>
<td>No Appointment Needed</td>
</tr>
<tr>
<td>Towson High School</td>
<td><strong>Saturday, January 9, 2016</strong>&lt;br&gt;(Inclement Weather Date: January 23, 2016)</td>
<td>No Appointment Needed</td>
</tr>
<tr>
<td>Towson High School</td>
<td><strong>Saturday, January 23, 2016</strong>&lt;br&gt;8 a.m. – 2 p.m. (Inclement Weather Date: January 30, 2016)</td>
<td>No Appointment Needed</td>
</tr>
<tr>
<td>Woodlawn High School</td>
<td><strong>Monday, January 11, 2016</strong>&lt;br&gt;Grade 9 Applicants (Inclement Weather Date: January 20, 2016)</td>
<td>No Appointment Needed</td>
</tr>
<tr>
<td>Woodlawn High School</td>
<td><strong>Wednesday, January 13, 2016</strong>&lt;br&gt;Grade 10 Applicants (Inclement Weather Date: January 20, 2016)</td>
<td>No Appointment Needed</td>
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</table>

**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, 410-887-5555.

**Closings and cancellation announcements will also be made through local media.**

Applicants MUST attend magnet assessments on the dates listed above.

Assessments will ONLY be rescheduled with documentation of unforeseen illness or emergency. See assessment guidelines for specific information.
Academy of Arts & Communication

Lansdowne
- offers specialized pathways in:

Visual Arts – allows students to develop skills in studio art, photography, 3-D 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. 3-D 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. (does not include the study of guitar or piano)

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:

Photography – provides opportunities for students to learn design and aesthetic theory as it applies to traditional and digital photography. Courses are designed to assist students in solving problems as they explore the media.

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.

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 – Programming † – 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 Finance (AOF) ††
(affiliated with the National Academy Foundation)

Lansdowne & Overlea
- introduces students to the broad career opportunities in the financial services industry and equips them to make sound choices for the future. AOF is a college preparatory program with required course work in economics, finance, accounting, banking, and international business. Opportunities for job shadowing, internships, and parallel college enrollment may also be available.

Academy of Health & Human Services

Lansdowne
- offers specialized pathways in:

Child Care Services † – prepares students to work in fields related to the education and care of young children in early childhood settings, such as day care centers, preschool 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 child care 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.

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.
High School Magnet Programs

Academy of Leadership & Humanities

Chesapeake
- offers specialized pathways in:

Criminal Justice ** – prepares students to apply technical information, computer technology, and broad knowledge in the growing field of criminal justice for entry-level positions and continued education. Students develop specific skills in communication, first aid and CPR, 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, & 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 required for admission to the Pre-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.

Academy of Science, Engineering, & Information Technology

Lansdowne
- offers specialized pathways in:

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. Project Lead The Way (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.

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.

Applicants must attend the on-site assessment for each program selected on the application.

Please retain a copy of the application for your records.

* Articulated college credit may be earned from the Community College of Baltimore County.
† Students may earn a minimum of four MSDE Career & Technology Education (CTE) credits for graduation.
‡ Transcribed credit may be earned from Stevenson University.

An MSDE approved Career and Technology Education (CTE) program is a sequence of courses in a specified career pathway that requires a minimum of four credits. Students who complete a CTE program in most occupational pathways are eligible for articulated community college credit and industry certification.

Academy of Health Professions †‡

Eastern, Randallstown, Solleys 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. Within the Academy of Health Professions there are opportunities for students to apply what they are learning to real-life healthcare situations in a medical specialty course, such as Certified Nursing Assistant, Biomedical Technology (Randallstown only) and Pharmacy Technician. Students may also 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. Course offerings, internship opportunities and articulated college credit may vary at program locations.

Automotive Service Technology †‡

Milford Mill, Solleys 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.

Assessment Guidelines

It is the responsibility of the parent to obtain the Assessment Guidelines and to ensure that the applicant attends the magnet assessment on the publicized date.

Guidelines are available at www.bcps.org/offices/omp.

For additional information about BCPS’ Magnet Programs, please visit our Web site (www.bcps.org/offices/omp).
Applicants must attend the on-site assessment for each program selected on the application.

Please retain a copy of the application for your records.
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.

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.

Environmental Science
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 take action 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 to 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 principals 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.

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). Note: This new MSDE POS replaces the IT-Programming Pathway program. (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. 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.

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.)

Students have access to
Special Education, Section 504, and ESOL support services in all magnet programs.

Articulated college credit may be earned from the Community College of Baltimore County.
‡ Students may earn a minimum of four MSDE Career & Technology Education (CTE) credits for graduation.
☐ Transcribed credit may be earned from Stevenson University.

An MSDE approved Career and Technology Education (CTE) program is a sequence of courses in a specified career pathway that requires a minimum of four credits. Students who complete a CTE program in most occupational pathways are eligible for articulated community college credit and industry certification.
International Baccalaureate
Kenwood & Milford Mill
- provides an internationally recognized, rigorous, four-year academic program that prepares students for college. Students in Grades 11 and 12 participate in the IB diploma program. Topics of study include Language, Individuals & Societies, Mathematics, Experimental Sciences, and the Arts & Electives. Students are offered numerous choices within those areas in order to cover topics both in depth and breadth, as well as accommodating individual student interests. Students completing the requirements for the diploma program may receive college credit for IB course work.

Law & Public Policy
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.

Law-Related Careers **
Eastern
- offers college level instruction in constitutional law, the criminal justice system, and criminology. Students investigate the historical development of U.S. democracy and the institution of law; examine policing, courts, and corrections as separate entities that work together to control crime; and evaluate how policy implications shape legislative decision-making, procedures, and treatment modalities offered to offenders. In their senior year, students complete thesis-based research and writing on a law-related topic.

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Mathematics, Science, 
& Pre-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.

Students have access to Special Education, Section 504, and ESOL support services in all magnet programs.

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National Magnet Schools Month – February 2015
1st Place - High School Division & National Poster Contest Winner
Magnet Schools of America National Poster Contest
Oynemomoemi D., Grade 11, Lansdowne High School Academy

Applicants MUST attend the assessment for all programs to which they apply. Assessment Guidelines are available at www.bcps.org/offices/omp.
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 (NCER).

Performing Arts Programs
Carver Center, Milford Mill Academy & Patapsco
Previous experience, though not expert level, is expected for applicants. (Program content and available resources may vary at each location.)

Performing Arts Programs (continued)

Design and Production/Technical Theatre - 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.

Digital Instrumental Music (Carver Center only) - 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.

Instrumental Music (Milford Mill & Patapsco only) - 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. (does not include the study of guitar or piano)

Vocal Music - 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.

Sports Science Academy
Kenwood - invites students to a world of leadership and career-search 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 - 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 & 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.

Apply online at www.bcps.org/offices/omp until 1 p.m. on Monday, November 30, 2015.

Assessment Guidelines
It is the responsibility of the parent to obtain the assessment guidelines and to ensure that the applicant attends the assessment on the publicized date.
Assessment Guidelines are available at www.bcps.org/offices/omp.

REMINDER: Non-BCPS REPORT CARD(S) REQUIRED
Student performance from the 2014-2015 and 2015-2016 school years will be evaluated.
Applicants who received grade reports from a non-BCPS school for any portion of the 2014-2015 school year must submit a copy of the report card(s) to the application.
Applicants who will receive a report card from a non-BCPS school for the first quarter/trimester of the 2015-2016 school year, must submit a copy of the report card by December 18, 2015.
2015 High School Magnet Showcase Events

<table>
<thead>
<tr>
<th>School</th>
<th>Showcase Date</th>
<th>Program Time(s)</th>
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</thead>
<tbody>
<tr>
<td>Chesapeake High School STEM Academy (Academy Programs)</td>
<td>Thursday, October 22, 2015</td>
<td>6 – 8 p.m. General sessions at 6 and 7 p.m.</td>
</tr>
<tr>
<td>Eastern Technical High School (2015 Magnet School of Distinction)</td>
<td>Thursday, October 8, 2015</td>
<td>6 – 8 p.m.</td>
</tr>
<tr>
<td>George Washington Carver Center for Arts and Technology</td>
<td>Wednesday, October 28, 2015</td>
<td>5 - 7 p.m.</td>
</tr>
<tr>
<td>Kenwood High School (International Baccalaureate and Sports Science Academy)</td>
<td>Thursday, November 5, 2015</td>
<td>Program starts at 5:30 p.m.</td>
</tr>
<tr>
<td>Lansdowne High School Academy (Academy Programs)</td>
<td>Thursday, October 15, 2015</td>
<td>5 – 7 p.m.</td>
</tr>
<tr>
<td>Milford Mill Academy (International Baccalaureate, Performing Arts, and Technical Programs)</td>
<td>Saturday, October 24, 2015</td>
<td>12 noon – 2 p.m.</td>
</tr>
<tr>
<td>Overlea High School (Academy of Finance)</td>
<td>Thursday, October 29, 2015</td>
<td>6 – 8 p.m.</td>
</tr>
<tr>
<td>Parkville High School and Center for Mathematics, Science, &amp; Computer Science</td>
<td>Tuesday, October 20, 2015</td>
<td>Program starts at 6 p.m.</td>
</tr>
<tr>
<td>Patapsco High School &amp; Center for the Arts</td>
<td>Thursday, October 29, 2015</td>
<td>Program starts at 6:30 p.m.</td>
</tr>
<tr>
<td>Randallstown High School (Academy of Health Professions &amp; Mass Communications)</td>
<td>Wednesday, October 21, 2015</td>
<td>Program starts at 6 p.m.</td>
</tr>
<tr>
<td>Sollers Point Technical High School</td>
<td>Wednesday, October 21, 2015</td>
<td>5 – 7 p.m. General sessions at 5:30, 6, &amp; 6:30 p.m.</td>
</tr>
<tr>
<td>Sparrows Point High School (Environmental Studies)</td>
<td>Thursday, November 5, 2015</td>
<td>Program starts at 6 p.m.</td>
</tr>
<tr>
<td>Towson High School (Law &amp; Public Policy)</td>
<td>Tuesday, October 6, 2015</td>
<td>Program starts at 6 p.m.</td>
</tr>
<tr>
<td>Western School of Technology &amp; Environmental Science</td>
<td>Thursday, October 22, 2015</td>
<td>6 – 8 p.m.</td>
</tr>
<tr>
<td>Woodlawn High School (Mathematics, Science, and Pre-Engineering)</td>
<td>Tuesday, October 27, 2015</td>
<td>Program starts at 6 p.m.</td>
</tr>
</tbody>
</table>

Magnet Office staff will be available at magnet showcase events to answer questions about the magnet application process. If you are unable to attend a magnet showcase event, please contact the school for information about its magnet program(s).

NON-DISCRIMINATION STATEMENT: The Board of Education of Baltimore County does not discriminate on the basis of age, color, disability, gender, marital status, national or ethnic origin, race, religion, sexual orientation, veteran status, or any other characteristic in its educational programs, services or employment as provided in federal and state law.