

LANSDOWNE HIGH SCHOOL ACADEMY

3800 Hollins Ferry Road
Lansdowne, MD 21227

Academy of Science, Engineering & Information Technology

The Lansdowne High School's Academy of Science, Engineering, & Information Technology is a collaborative program offering rigorous academic and career-oriented programs including Biomedical Science (Project Lead the Way) and Engineering & Information Technology. The SEIT program is designed to enhance students' expectations and provide the knowledge and skills needed to become productive citizens committed to educational, technological, and social growth in an ever-changing global community.

Magnet Transportation Information: Lansdowne High School Academy (Southwest Area)
Transportation is provided for students who are zoned to attend high schools in the Northwest or Southwest areas.

Magnet Showcase Event: Tuesday, October 2, 2018 5 – 7 p.m.
Meet our teachers and students while viewing demonstrations and hands on activities. Learn about all of the academy programs, clubs, sports and other activities at Lansdowne High School.

2019-2020 Assessment Guidelines

Magnet Coordinator: Sherri Wolfe 443-809-1415
Assessment Date: Thursday, January 24, 2019

All Assessments by Appointment to be scheduled between 4 and 6 p.m.

Individual assessment appointments must be scheduled no later than Wednesday, November 21, 2018. Schedule your appointment online at the BCPS Magnet Programs' Web site (www.tinyurl.com/BCPSMagnet) or call BCPS Magnet Programs at 443-809-4127 (NOT BOTH).

Unforeseen Illness or Emergency: Parent(s) must inform the school 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.

Inclement Weather Date: January 31, 2019, at the previously scheduled appointment time

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.

Directions to Lansdowne High School:

- I-695 toward Glen Burnie
- Exit 9 – Hollins Ferry Road
 - Right onto Hollins Ferry Road
 - Proceed about 1 ¼ mile
 - Turn left into the school parking lot



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Prior to the Assessment

In preparation for the Assessment Day students must complete the following:

- Complete the Applicant Self-Evaluation.
- Applicants are required to complete a trifold brochure project that demonstrates interest in the program prior to coming to the assessment. See page 5 for project requirements.

Individual assessment appointments must be scheduled no later than November 21, 2018. Schedule your appointment online at the BCPS Magnet Programs' Web site (www.tinyurl.com/BCPSMagnet) or call BCPS Magnet Programs at 443-809-4127 (NOT BOTH).

On the Day of the Assessment

The assessment takes approximately 60 minutes

It is the responsibility of the parent(s) to:

- ensure that the applicant attends the assessment on the scheduled date and time.
- contact the schools if scheduled magnet assessment appointments conflict.

Business dress is recommended for applicants

Failure to attend an assessment WILL result in disqualification.

Applicants will participate in a 3-part evaluation process. This includes a demonstration of interest project due upon arrival on the assessment night, a personal interview, and a math and science assessment. The three parts of the evaluation process are described as follows:

NOTE: Interviewers and adjudicators will not provide any type of feedback to the student and parents.

Project - Brochure

Applicants will create a trifold brochure – details and requirements are on page 5.

Interview

Students will participate in a personal interview with a member of our academy staff. Students should be prepared to answer questions regarding their career/future goals and personal qualities- see page 6 for details.

Math & Science Assessment

Students will take a short assessment utilizing basic algebra skills. Students will also be asked to demonstrate an application of basic science concepts.

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Registration Information

Applicants will participate in an *interview, submit their demonstration of interest project, and complete a math and science assessment* on-site at the time of the assessment.

ARRIVAL INFORMATION: Applicants should be accompanied by at least one parent. Please arrive 15 minutes prior to the scheduled time. Applicants will register for the assessment in the front lobby. Adults will not be permitted to accompany the student during their assessment. A waiting area will be located in the school cafeteria. Snacks will be available for purchase.

TIME FRAME: On average, the entire assessment takes approximately 60 minutes. Parents must stay during the assessment.

If the applicant cannot attend or complete the scheduled assessment due to an unforeseen illness or emergency, please contact Lansdowne High School at 443-809-1415 before the scheduled appointment time. Please be aware that assessments will not be rescheduled without documentation verifying the illness or emergency.

Assessment Description

Please make sure to come prepared with your COMPLETED Demonstration of Interest Project trifold brochure. On the day of the assessment, applicants will turn in their project and take part in an interview. See following pages 5 and 6 for instructions and guidelines. The interview and demonstration of interest project trifold brochure will be scored using a standard rubric.

Documented accommodations, as appropriate to the assessment, will be provided.
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Magnet Application Deadline

Applications are available on the BCPS Magnet Programs' Web site (www.tinyurl.com/BCPSMagnet) beginning at 12:00 noon on Monday, September 17, 2018. Applications must be submitted on or before **Friday, November 16, 2018**. Late applications are not processed.

You are encouraged to **apply online** on the BCPS Magnet Programs' Web site (www.tinyurl.com/BCPSMagnet) or **submit a paper application**.

- **Online applications** may be submitted until 1:00 p.m. on Friday, November 16, 2018. To apply online, you will need an active email account.
- **Paper applications** must be postmarked on or before Friday, November 16, 2018.

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- You must pick one pathway: Either Biomedical (Project Lead the Way) or Engineering and IT.
- Follow the exact outline provided on the following two pages.
- Include at least 5 pictures including one of the applicant.

<p>Lansdowne High School Academy of Finance Demonstration of Interest Description and Guidelines</p>	<p>Please bring the completed project to the interview session. Do not submit project with your BCPS magnet application. Projects will not be forwarded to Lansdowne High School.</p>
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Directions:

- The applicant must create an 8 ½ x 11 Brochure that tells us about the applicant, their goals at Lansdowne high school, and their accomplishments. Please use the layout below.
- Follow the exact outline provided on the following two pages.
- Include at least 5 pictures including one of the applicant.

<p>More about me. May include the following:</p> <ul style="list-style-type: none"> • Additional hobbies • Interesting facts about yourself • Community involvement 	<p>Closing Remarks and thank you to those who assisted in the process of your academic journey and applying to magnet schools.</p> <div style="border: 1px solid black; width: 100px; height: 40px; margin: 10px auto; text-align: center;">Parent Contact Info</div>	<p>Original Title <i>A look at (Name)__, a qualified applicant for the academy of _____ and the pathway of _____ at Lansdowne High School.</i></p> <div style="background-color: #e0e0e0; height: 100px; margin: 10px auto; text-align: center;">Picture of applicant</div> <ul style="list-style-type: none"> • Name • Current Grade • Current School 	<p>LAYOUT ← (front and back)</p> <p>NOTE: there are no particular pathways in AOF. You need only to refer to the academy of finance as a whole.</p>
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<p>Intro paragraph</p> <ul style="list-style-type: none"> • Your name • Your goal • Purpose of this brochure. • Overview of the contents of this brochure. 	<p>Why you chose the particular academy and pathway.</p>	<p>Your current school and your involvement and accomplishments there.</p>	<p>LAYOUT ← (Inside of Brochure)</p> <p>NOTE: there are no particular pathways in AOF. You need only to refer to the academy of finance as a whole.</p>
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Lansdowne High School

Academy of Science, Engineering & IT INTERVIEW PREPARATION DOCUMENT

2018-2019

Be prepared to **elaborate in detail** on the following topics. You will be graded on your ability to elaborate with details using well-constructed sentences and grammar. Your responses should be clear and use appropriate volume. Your responses should remain on topic. It is strongly recommended that you prepare and practice for this interview. You may not use any prepared notes unless it is a part of your official accommodations.

1. The pathway you are interested in pursuing. **Pick one of the following pathways:**
 - a. Project Lead the Way-Biomedical
 - b. Engineering and IT
2. Your motivation for applying to LHS and three benefits of attending LHS.
3. Your planned involvement in sports, clubs, or student organizations at LHS and how your traits will contribute.
4. Three careers you have considered for yourself—at least one related to your chosen pathway and at least one not directly related to your chosen pathway.
5. Hypothetically, if you were not accepted into any magnet school and had to attend your zoned high school, how would you react? How would you adjust your plans for high school?

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COURSE TRACKING STRUCTURE/CAREER PATHWAYS

<p>Project Lead the Way/Bio. Med. <i>Course Tracking prepares students for careers in the medical field.</i></p>	<p>Courses include:</p> <p>Project Lead the Way/Bio. Med.</p> <ul style="list-style-type: none">✓ Principles of biomedical science✓ Human Body systems✓ Medical Intervention✓ Bio. Medical Intervention
<p>Engineering and Info Tech <i>Course Tracking prepares students for careers in engineering and IT related fields.</i></p>	<p>Courses include:</p> <ul style="list-style-type: none">✓ Principles of Engineering✓ Java/HTML✓ AP Computer Science✓ GT Physics

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APPLICANT SELF-EVALUATION

DO NOT include this worksheet with your application.

Important: All applications must be postmarked by the application deadline of **Friday, November 16, 2018.** Incomplete applications will not be considered for admission.

Academy of Science, Engineering & Information Technology	<ul style="list-style-type: none"> ✓ C average(1.5 or better) in Mathematics and Science ✓ Satisfactory Attendance (94% or higher) ✓ Performance on Math and Science Test ✓ Performance on Demonstration of Interest ✓ Performance on Interview
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On January 24, 2019, all applicants will be required to attend the assessment held at Lansdowne High School. All assessments are by appointment. All applicants should arrive at least 15 minutes prior to their scheduled time. Applicants should be accompanied by at least one parent. (Inclement weather date: January 31, 2019)

According to Superintendent's Rule 6400, *at the high school level, where the number of qualified applicants exceeds the number of available seats, up to 20% of the seats may first be filled with candidates who achieve a minimum of 80% of the admission criteria and who score the highest scores on the magnet assessments. The remaining seats will be filled using the centralized random lottery selection process from the remaining pool of applicants.*

How to Calculate Your Grade Average

Convert your marking period grades to points (A=4, B=3, C=2, D=1, E=0). Then divide by the number of marking periods.

Subject	Last Year's Report Card		Last Year's Report Card		Current Year's Report Card		Total Points	Total Marking Periods (4 or 5)	Grade Average
	1 st marking pd. grade/points	2 nd marking pd. grade/points	3 rd marking pd. grade/points	4 th marking pd. grade/points (if applicable)	1 st marking pd. grade/points				
English/Lang Arts									
Math									
Science									
Social Studies									

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APPLICANT SELF-EVALUATION

DO NOT include this worksheet with your application.

Assessment Information:

- All assessments must be scheduled by November 21, 2018.
- 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 in to the magnet program will be denied.

Evaluation Components	Scoring	My Information	My Score
Grade Average <i>1.5 (C) average or higher preferred</i>	1.5 (C) average or higher—15 points each Less than 1.5 (C) average—0 points each	Math Avg: _____ Science Avg: _____	____ / 15 pts ____ / 15 pts
Attendance <i>94% preferred</i>	Total unexcused absences in prior year + Unexcused absences in first quarter/trimester of current year = 14 days or less—10 points Total unexcused absences in prior year + Unexcused absences in first quarter/trimester of current year = more than 14 days—0 points	Total unexcused absences in prior year (all quarters/trimesters) = _____ days + Unexcused absences in current year (first quarter/trimester only) = _____ days Total unexcused absences = _____ days	____ / 10 pts
Demonstration of Interest Assessment <i>Score determines total points earned</i>	Applicant may earn up to 20 points	To be determined on scheduled assessment date Assessment appointment must be scheduled by Nov. 21, 2018	____ / 20 pts
Interview Assessment <i>Score determines total points earned</i>	Applicant may earn up to 20 points	To be determined on scheduled assessment date Assessment appointment must be scheduled by Nov. 21, 2018	____ / 20 pts
Math and Science Assessment <i>Score determines total points earned</i>	Applicant may earn up to 20 points	To be determined on scheduled assessment date Assessment appointment must be scheduled by Nov. 21, 2018	____ / 20 pts
Total Score:			____ / 100 pts