

Woodlawn High School

1801 Woodlawn Drive, Woodlawn, MD 21207

Main Office: (410) 887-1309
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Mathematics, Science & Pre-Engineering 2010-2011 Assessment Guidelines

The Mathematics, Science & Pre-Engineering program 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 participating in the program have the opportunity to earn articulated college credit.

BCPS Magnet EXPO!: **Saturday, October 3, 2009** **10:00 a.m. - 2:00 p.m.**
Crowne Plaza Timonium

Open House: **October 20, 2009** **6:30 - 8:00 p.m.** **Woodlawn High**

Application Deadline: **November 30, 2009**

Application packets are available at www.bcps.org/offices/omp. Applications must be received or postmarked on or before November 30, 2009. Late applications are not processed.

Applications MUST be mailed to:
**High School Magnet Application
Office of Magnet Programs
6901 Charles Street
Towson, MD 21204**

It is the parent's/guardian's responsibility to submit a complete application and a copy of all report card grades for the 2008-2009 school year.

Assessment reminders will be mailed to all applicants.

*Parents/Guardians of applicants who have NOT received notification at least five (5) days prior to the assessment date **MUST** contact the school to verify/schedule an appointment.*

Mathematics, Science & Pre-Engineering Assessment: **January 21 & 26, 2010**

All applicants are required to attend the magnet assessment held at Woodlawn High School. Students should report for the assessment as follows:

January 21, 2010 Grade 9 Applicants 6:00 - 8:00 p.m.
January 26, 2010 Grade 10 applicants 6:00 - 8:00 p.m.

Failure to attend an assessment WILL result in disqualification.

Inclement Weather: In the event that schools are closed due to inclement weather, weeknight magnet assessments will be postponed. Weekend magnet assessments will be postponed if the snow emergency plan is put into effect for Baltimore County. Postponed assessments will occur on the designated inclement weather date.

Inclement Weather Date: January 28, 2010 6:00 - 8:00 p.m.

Directions to Woodlawn:

Take I-695 W to MD-122 East/Security Blvd, exit 17, toward Woodlawn.

Turn left onto MD-122 E/Security Blvd.

Turn left onto Woodlawn Dr.

Woodlawn High School is on the right.

Mathematics, Science & Engineering Assessment Information

Prior to the Assessment

Students should complete the Student Essay on the form provided and bring the completed essay to the assessment.

DO NOT SUBMIT THE ESSAY WITH YOUR APPLICATION.

On the Day of the Assessment The assessment is scheduled for 2 hours.

Assessments will begin promptly at 6:00 p.m. Students should be accompanied by at least one parent/guardian. Students should arrive 15 minutes prior to the scheduled assessment time and will need to register for the assessment in the main lobby. **Students arriving more than 15 minutes after the scheduled assessment time will not be allowed into the testing area.**

Students will need to bring two #2 pencils to the assessment. Students will participate in an interview and take a math/science test. The test will cover math and science concepts that BCPS students should have learned by the end of the first quarter of Grade 8. On average, the entire assessment takes approximately 2 hours. Parents may wait in the building, or return to the school by 8:00 p.m.

WOODLAWN HIGH SCHOOL APPLICANT SELF-EVALUATION 2010-2011

Mathematics, Science & Engineering

DO NOT include this worksheet with your application.

Important: All applications must be postmarked by the application deadline of **November 30, 2009**. Incomplete applications will not be considered for admission.

Admission Criteria

Magnet Program	Admission Criteria
Mathematics, Science & Engineering	<ul style="list-style-type: none"> ✓ Algebra I or higher in grade 8; Algebra II or higher in grade 9 ✓ B average (2.5 or better) in, Mathematics and Science ✓ C average(1.5 or better) in, English/Language Arts and Social Studies ✓ Performance on Math & Science Assessment ✓ Performance on Written Assessment ✓ Performance on Interview

Magnet Assessment Date

On January 21, 2010, (inclement weather date: January 28, 2010) all grade 9 applicants and January 26, 2010, (inclement weather date: January 28, 2010) all grade 10 applicants will be required to attend the assessment at Woodlawn High School. Students should be accompanied by at least one parent/guardian. All students should arrive by 5:45 p.m.

Placement Prior to the Lottery

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 show exceptional commitment and promise in the specialized program as evidenced by their performance on the approved magnet assessment(s). The remaining seats will be filled using the centralized random lottery selection process from the remaining pool of qualified applicants.* Specifically, students who earn the highest combined score on the writing assessment, the math & science test, and the interview may fill up to 20% of the seats available in the magnet program.

Qualifying for Admission

The applicant must earn 80 points from the stated criteria in order to qualify for admission.

Entrance Worksheet

Use the worksheet provided to determine if you may qualify for admission.

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	Grade 7 1 st marking pd. Grade points	Grade 7 2 nd marking pd. Grade points	Grade 7 3 rd marking pd. Grade points	Grade 7 4 th marking pd. Grade points (if applicable)	Grade 8 1 st marking pd. Grade points	Total Points	Total Marking Periods (4 or 5)	Grade Average
Lang Arts/English								
Social Studies								
Math								
Science								

WOODLAWN HIGH SCHOOL
Grade 9 APPLICANT SELF-EVALUATION 2010-2011

Mathematics, Science & Engineering

Criteria		Scoring Tool		My information	My Score (CIRCLE POINTS EARNED)
Admission Criterion #1 Math Enrollment	Algebra I	Algebra I and higher	10 points	My Grade 8 math course is _____ (record math course here)	10 points or 5 points or 0 points
		Algebraic Thinking 2,	5 points		
		Pre-Algebra, Math 8, or below	0 Points		
Admission Criterion #2 Grade Average (see "How to Calculate Your Grade Average")	C average or higher (1.5 or higher)	English/Language Arts and Social Studies: Score 10 points for each average equaling "C" (1.5) or better.	10 points	Lang. Arts/English Average:	10 points or 0 points
		Score 0 points for each average less than "C" (less than 1.5)	10 points	Social Studies Average:	10 points or 0 points
	B average or higher (2.5 or higher)	Math and Science: Score 15 points for each average equaling "B" (2.5) or better.	15 points	Mathematics Average:	15 points or 0 points
		Score 0 points for each average less than "B" (less than 2.5)	15 points	Science Average:	15 points or 0 points
Admission Criterion #3 Essay	Score determines total points earned.	Applicants may earn up to 15 points.		To be determined on January 21, 2010.	Up to 15 points may be earned.
Admission Criterion #4 Interview	Score determines total points earned.	Applicants may earn up to 10 points.		To be determined on January 21, 2010.	Up to 10 points may be earned.
Admission Criterion #5 Math & Science Test	Score determines total points earned.	Applicants may earn up to 15 points.		To be determined on January 21, 2010.	Up to 15 points may be earned.
Points to Qualify	80 points				My Score:

This worksheet is for STUDENT/PARENT USE ONLY.

DO NOT include this worksheet with your application.

WOODLAWN HIGH SCHOOL
Grade 10 APPLICANT SELF-EVALUATION 2010-2011

Mathematics, Science & Engineering

Criteria		Scoring Tool		My information	My Score (CIRCLE POINTS EARNED)
Admission Criterion #1 Math Enrollment	Algebra I	Algebra II and higher	10 points	My Grade 9 math course is _____ (record math course here)	10 points or 5 points or 0 points
		Algebra I	5 points		
		Pre-Algebra, Math 8, or below	0 Points		
Admission Criterion #2 Grade Average (see "How to Calculate Your Grade Average")	C average or higher (1.5 or higher)	English/Language Arts and Social Studies: Score 10 points for each average equaling "C" (1.5) or better.	10 points	Lang. Arts/English Average:	10 points or 0 points
		Score 0 points for each average less than "C" (less than 1.5)	10 points	Social Studies Average:	10 points or 0 points
	B average or higher (2.5 or higher)	Math and Science: Score 15 points for each average equaling "B" (2.5) or better.	15 points	Mathematics Average:	15 points or 0 points
		Score 0 points for each average less than "B" (less than 2.5)	15 points	Science Average:	15 points or 0 points
Admission Criterion #3 Essay	Score determines total points earned.	Applicants may earn up to 15 points.	To be determined on January 21, 2010.	Up to 15 points may be earned.	
Admission Criterion #4 Interview	Score determines total points earned.	Applicants may earn up to 10 points.	To be determined on January 21, 2010.	Up to 10 points may be earned.	
Admission Criterion #5 Math & Science Test	Score determines total points earned.	Applicants may earn up to 15 points.	To be determined on January 21, 2010.	Up to 15 points may be earned.	
Points to Qualify	80 points				My Score:

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