

# MILFORD MILL ACADEMY

3800 Washington Avenue Baltimore, MD 21244

Main Office: 410-887-0660  
Magnet Coordinator: Barbara Birt

Magnet Office: 410-922-5219  
bbirt@bcps.org

## 2010-2011 Assessment Guidelines

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

**Open House** November 7, 2009 1:00 - 3:00 p.m. Milford Mill Academy

**Application Deadline:** November 30, 2009

Application packets are available at [www.bcps.org/offices/omp](http://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.*

**Assessments:** January 16, 2010 *Assessments by Appointment*

All applicants are required to attend the magnet assessment held at Milford Mill Academy. Students *will be invited* to the school to be *interviewed* and to write an essay on January 16, 2010 between the hours of 8:00 a.m. - 12:00 p.m. All students will be contacted regarding a specific appointment date and time. Any applicant who has a scheduling conflict with another magnet school can receive an alternate time by contacting the schools directly.

***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 23, 2010

**Directions to Milford Mill Academy:**

**FROM THE BELTWAY (I-695):**

Take the MD-26/Liberty Road, Exit 18, toward Randallstown  
Merge onto Liberty Road, via Exit 18B toward Randallstown  
Turn RIGHT onto Washington Avenue  
3800 Washington Avenue is on the LEFT

**FROM LIBERTY ROAD - southbound**

Turn LEFT onto Washington Avenue  
3800 Washington Avenue is on the LEFT

**FROM LIBERTY ROAD – northbound**

Turn RIGHT onto Washington Avenue  
3800 Washington Avenue is on the LEFT

## **Assessment Information**

### **On the Day of the Assessment**

**The assessment is scheduled for 2 hours.**

*Assessment notices with a scheduled time will be mailed to all applicants. Parents/Guardians of applicants who do NOT receive notification by January 11, 2010, should call Barbara Birt, Magnet Coordinator, at 410-922-5219 or 410-887-0660 or email [bbirt@bcps.org](mailto:bbirt@bcps.org).*

Students should be accompanied to the assessment 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.**

On the day of the assessment, students will complete an interview, a basic reading comprehension test, a writing assessment, and, for technical programs, a basic subject area test or practicum. All supplies needed for the assessments will be provided. The assessments are not timed; however, the assessment generally takes approximately 2 hours to complete. Accommodations will be provided for parents who wish to wait for their children during the assessment, or parents may return to the school within 2 hours.

## **AUTOMOTIVE SERVICE TECHNOLOGY**

### **Program Description**

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

### **Assessment Process**

On the scheduled date for their assessments, students will be interviewed by the magnet teacher and given a multiple choice assessment on safety. At the conclusion of the meeting with the teacher, the students will complete a basic reading comprehension assessment and a writing assessment, describing their goals.

## **BUSINESS MANAGEMENT AND FINANCE**

### **Program Description**

The program helps students to develop managerial and technical skills for entry-level positions in business or college. Students use word processing, spreadsheet and presentation software while learning the principles of business management and administration, financial management, accounting and entrepreneurship. Students have the opportunity to be involved in an internship or work-based learning experience. They have the opportunity to earn articulated college credit and Microsoft Office Specialist (MOS) certification.

### **Assessment Process**

On assessment day, students will meet with the magnet teacher for an interview. After the interview, the students will complete an assessment on basic computer knowledge. Students will then complete a basic reading comprehension assessment and a writing assessment, describing their goals.

## **COMPUTER AIDED DRAFTING AND DESIGN (CADD)**

### **Program Description**

In this program, students develop skills in graphic communication via technical drawings and become proficient in the use of a scale for linear measurements. Students develop the ability to interpret drawings and to prepare data sheets and written specifications to industry-recognized national skill standards using AutoCAD and other leading software. Articulated community college credit may be available to students who successfully complete the program.

### **Assessment Process**

Students will be given an individual interview by the magnet teacher. After the interview, the students will complete a written assessment on reading measurements on a ruler, converting fractions and inches. In addition, students will complete a basic reading comprehension assessment and a written assessment, describing their goals.

## **CONSTRUCTION MANAGEMENT**

### **Program Description**

The program helps students acquire the necessary skills and practical experience to be successful in a career in the construction industry. 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/or earn articulated college credit.

### **Assessment Process**

The assessment process consists of students completing an interview with the magnet teacher. Once the interview is completed, the students will complete a subject area test on safety. After the meeting with the magnet teacher, a basic reading comprehension assessment and a writing assessment, describing their goals, will be administered.

## **COSMETOLOGY**

### **Program Description**

The program prepares individuals to care for and beautify nails, hair and skin. Fifteen hundred hours (1500) of instruction qualifies the student to sit for an operator's licensing examination in Maryland in their senior year of high school. Students are required to apply and sit for the State of Maryland Board of Cosmetologists' license examination prior to graduation.

### **Assessment Process**

Students will be interviewed by the instructors, and complete a reading comprehension and writing assessment. Also, students will be asked to complete a practicum activity that involves the following:

1. Listening and following directions
2. Hand-eye coordination
3. Manual dexterity
4. Completion of assignments

## **HEALTH SCIENCE TECHNOLOGY ACADEMY**

### **Program Description**

The Health Science Academy offers students the opportunity to learn about various careers found in the health care field. Students who are interested in pursuing careers in medicine, nursing or other fields in allied health will benefit from the curriculum of this magnet. The course provides opportunities for students to learn the basic skills used by entry level health care providers in hospitals, rehabilitation facilities, community health care settings and other health care delivery systems. The students will learn and apply their knowledge of anatomy and physiology, health assessment, human disease, rehabilitative services, medical mathematics, technical and communication skills when caring for consumers in need of health care. Students in this magnet should have a strong interest in science, mathematics, technology and working with people in need of health care. Proficiency in reading, math critical thinking and communication skills is preferred. The student should be able to follow directions, remember steps of a procedure and work well independently and cooperatively to complete challenging task and assignments. Upon successful completion of the highly technical Foundations in Health Care Course, students will have certifications in CPR and First Aid. Students will qualify to test for National Health Care Skill Standards Certification. As the only school in the western part of the county offering the CNA program, students may elect to take the fully accredited CNA/GNA (Certified Nursing Assistant/Geriatric Nursing Assistant) Program and become certified after passing the state board examination. Opportunities are also available for internships in Rehabilitative and Therapeutic Services and other areas of health care. Parallel enrollment through Catonsville Community College is available with approval.

### **Assessment Process**

Students have a one-on-one interview with one of the instructors in the program. After the interview, the students will complete a reading comprehension assessment and a writing assessment, describing their goals. Also, a multiple choice test will be administered on basic health questions.

## **INFORMATION TECHNOLOGY - NETWORKING**

### **Program Description**

Students will learn to install, repair and maintain computers and computer networks using the Cisco Technology Essentials and Cisco Certified Network Associates curriculum. Students may build on this knowledge to further their education at a technical school, community and/or four year college. Students use state-of-the-art technology to diagnose and repair computer systems and network communications. Students are prepared to sit for CompTIA's A+ and Lumux+ examinations, as well as Cisco's Introductory Examination.

### **Assessment Process**

Students will meet with magnet teacher to complete an interview and an assessment. The assessment involves solving simple logic problems. The evaluation process is based on the student's ability to use logic in solving problems. Additionally, students will complete a basic reading comprehension assessment and a writing assessment, describing their goals..

## **INFORMATION TECHNOLOGY – PROGRAMMING**

### **Program Description**

The program will prepare students with basic and advanced computer skills and problem-solving skills needed to succeed in a computer career field. This program will give students a background in software applications including Microsoft (MOS) certification in Word, Excel, PowerPoint and Access. Students will acquire programming skills in HTML, JavaScript, Java, Visual Basic and AP Computer Science. The program's goal is to provide students with a variety of computer knowledge needed to pursue computer-related college-level coursework or gain entry-level employment. The students will be given the opportunity to earn articulated college credit from the Community College of Baltimore County.

### **Assessment Process**

Students will first be interviewed by the magnet teacher and complete a basic computer assessment. After the meeting with the teacher, students will complete a basic reading comprehension assessment and a writing assessment, describing their goals.

## **INTERNATIONAL BACCALAUREATE PROGRAM**

### **Program Description**

The IB program is a rigorous pre-university course of study, leading to examinations that meet the needs of highly motivated high school students. This program fosters critical thinking, cooperative learning and a high level of scholarship. Interdisciplinary and performance-based instruction is emphasized. The Pre-IB program is offered in grades 9 and 10 to help students strengthen their academic skills needed to succeed in the IB program. Students in grades 11 and 12 are formally admitted into the two-year program. Upper level courses are equivalent to college courses. Independent reading and research is expected outside of class and during the summer. For more information visit the IB website at [www.ibo.org](http://www.ibo.org).

### **Assessment Process**

Students applying to the IB program are interviewed by a team of IB teachers. After the interview, the students will complete a basic reading assessment and a writing assessment, describing their goals.

# MILFORD MILL ACADEMY APPLICANT SELF-EVALUATION 2010-2011

**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
International Baccalaureate (IB)	<ul style="list-style-type: none"> <li>✓ Algebra I or higher in grade 8 (<b>IB ONLY</b>)</li> <li>✓ B average (2.5 or better) in English/Language Arts, Mathematics, Social Studies, and Science (<b>IB ONLY</b>)</li> <li>✓ C average (1.5 or better) in English/Lang Arts, Math, Social Studies and Science (<b>Technical Programs</b>)</li> <li>✓ Satisfactory Attendance (94% or higher)</li> <li>✓ Performance on Written Assessment</li> <li>✓ Performance on Interview</li> <li>✓ Performance on Magnet Assessment (<b>Technical ONLY</b>)</li> <li>✓ Performance on Cosmetology Assessment (<b>Cos. ONLY</b>)</li> </ul>
Technical Programs (Includes all programs other than International Baccalaureate)	

## Magnet Assessment Date

On January 16, 2010, (inclement weather date: January 23, 2010), all students will be required to attend the interview, writing assessment, and, for Tech Prep programs, the performance assessment held at Milford Mill Academy. Students should be accompanied by at least one parent/guardian. All students will be contacted regarding a specific appointment date and time. Any applicant who has a scheduling conflict with another magnet school can receive an alternate time by contacting the schools directly.

## 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 scores on the interview, written assessment, reading comprehension assessment, and where applicable, the performance assessment, 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.

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

**MILFORD MILL ACADEMY**  
**Grade 9 APPLICANT SELF-EVALUATION 2010-2011**  
**International Baccalaureate (IB)**

Criteria		Scoring Method		My information	My Score (CIRCLE POINTS EARNED)
<b>Admission Criterion #1</b> Math Enrollment	Algebra I	Algebra I and higher	5 points	My Grade 8 math course is  _____ (record math course here)	5 points
		Algebraic Thinking 2	3 points		or
		Pre-Algebra, Math 8, or below	0 points		3 points
<b>Admission Criterion #2</b> Grade Average (see "How to Calculate Your Grade Average")	"B" average or higher: (2.5 or higher)	Score 5 points for each Grade Average equaling "B" or higher. (2.5 or higher)  Score 0 points for each Grade Average less than "B" (less than 2.5)	5 points	English/Lang. Arts Average:	5 points
			5 points	Social Studies Average:	or
			5 points	Mathematics Average:	0 points
			5 points	Science Average:	5 points
			5 points	Foreign Language	or
<b>Admission Criterion #3</b> Attendance	94% Attendance	Total absences in Grade 7 - <i>plus</i> - first quarter = 14 days or less.	10 points	Total days absent in Grade 7 ( <i>All quarters</i> ) = ____ days	10 points
	Total absences in grade 7 - <i>plus</i> - first quarter of grade 8	Total absences in Grade 7 - <i>plus</i> - first quarter = 15 days or more.	0 points	Total days absent in Grade 8 ( <i>First quarter</i> ) = ____ days	
<b>Admission Criterion #4</b> Essay	Score determines total points earned.	Applicants may earn up to 20 points.		To be determined on January 16, 2010.	Up to 20 points may be earned.
<b>Admission Criterion #6</b> Personal Interview	Score on interview determines total points earned.	Applicants may earn up to 20 points.		To be determined on January 16, 2010.	Up to 20 points may be earned.
<b>Points to Qualify:</b>	80 points	<b>My Score:</b>			

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**MILFORD MILL ACADEMY**  
**Grade 10 APPLICANT SELF-EVALUATION 2010-2011**  
**International Baccalaureate (IB)**

Criteria		Scoring Method		My information	My Score (CIRCLE POINTS EARNED)
<b>Admission Criterion #1</b> Math Enrollment	Algebra I	Algebra I and higher	5 points	My Grade 9 math course is _____ (record math course here)	5 points
		Algebraic Thinking 2	3 points		or
		Pre-Algebra, Math 8, or below	0 points		3 points
<b>Admission Criterion #2</b> Grade Average (see "How to Calculate Your Grade Average")	"B" average or higher: (2.5 or higher)	Score 5 points for each Grade Average equaling "B" or higher. (2.5 or higher)  Score 0 points for each Grade Average less than "B" (less than 2.5)	5 points	English/Lang. Arts Average:	5 points
			5 points	Social Studies Average:	or
			5 points	Mathematics Average:	0 points
			5 points	Science Average:	5 points
			5 points	Foreign Language	or
<b>Admission Criterion #3</b> Attendance	94% Attendance  Total absences in grade 7 -plus- first quarter of grade 8	Total absences in Grade 7 -plus- first quarter = 14 days or less.	10 points	Total days absent in Grade 7 ( <i>All quarters</i> ) = ____ days -plus- Total days absent in Grade 8 ( <i>First quarter</i> ) = ____ days  Total days absent = ____ days	10 points
		Total absences in Grade 7 -plus- first quarter = 15 days or more.	0 points		
<b>Admission Criterion #4</b> Essay	Score determines total points earned.	Applicants may earn up to 20 points.		To be determined on January 16, 2010.	Up to 20 points may be earned.
<b>Admission Criterion #5</b> Magnet Test	Score determines total points earned	Applicants may earn up to 20 points.		To be determined on January 16, 2010.	Up to 20 points may be earned.
<b>Admission Criterion #6</b> Personal Interview	Score on interview determines total points earned.	Applicants may earn up to 20 points.		To be determined on January 16, 2010.	Up to 20 points may be earned.
<b>Points to Qualify:</b>	80 points	<b>My Score:</b>			

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# MILFORD MILL ACADEMY APPLICANT SELF-EVALUATION 2010-2011

## Technical Programs (except for Cosmetology)

Criteria		Scoring Method		My information	My Score (CIRCLE POINTS EARNED)
<b>Admission Criterion #1</b> Grade Average (see "How to Calculate Your Grade Average")	"C" average or higher:  (1.5 or higher)	Score 5 points for each Grade Average equaling "C" or higher. (1.5 or higher)  Score 0 points for each Grade Average less than "C" (less than 1.5)	5 points	English/Lang. Arts Average:	5 points or 0 points
			5 points	Social Studies Average:	5 points or 0 points
			5 points	Mathematics Average:	5 points or 0 points
			5 points	Science Average:	5 points or 0 points
<b>Admission Criterion #2</b>  Attendance	94% Attendance  Total absences in grade 7 <i>-plus-</i> first quarter of grade 8	Total absences in Grade 7 - <i>plus-</i> first quarter = 14 days or less.  Total absences in Grade 7 - <i>plus-</i> first quarter = 15 days or more.	10 points	Total days absent in Grade 7 ( <i>All quarters</i> ) = ____ days <i>-plus-</i> Total days absent in Grade 8 ( <i>First quarter</i> ) = ____ days	10 points or 0 points
			0 points	Total days absent = ____ days	
<b>Admission Criterion #3</b>  Written Assessment	Score determines total points earned.	Applicants may earn up to 20 points.		To be determined on January 16, 2010.	Up to 20 points may be earned.
<b>Admission Criterion #4</b>  Personal Interview	Score on interview determines total points earned.	Applicants may earn up to 20 points.		To be determined on January 16, 2010.	Up to 20 points may be earned.
<b>Admission Criterion #5</b>  Magnet Test	Score on test determines total points earned.	Applicants may earn up to 20 points.		To be determined on January 16, 2010.	Up to 20 points may be earned.
<b>Admission Criterion #6</b>  Performance Assessment	Score on assessment determines total points earned.	Applicants may earn up to 10 points.		To be determined on January 16, 2010	Up to 10 points may be earned.
<b>Points to Qualify:</b>	80 points	<b>My Score:</b>			

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**MILFORD MILL ACADEMY  
APPLICANT SELF-EVALUATION 2010-2011**

**Cosmetology**

<b>Criteria</b>		<b>Scoring Method</b>		<b>My information</b>	<b>My Score</b> (CIRCLE POINTS EARNED)
<b>Admission Criterion #1</b> Grade Average (see "How to Calculate Your Grade Average")	Language Arts, Science, Social Studies, and Math:  "C" average or higher (1.5)	<b>English/Lang Arts, Math, Science and Social Studies</b>  Score 5 points for each Grade Average equaling "C" or higher. (1.5 or higher)  Score 0 points for each Grade Average less than "C" (less than 1.5)	5 points	English/Lang. Arts Average:	5 points or 0 points
			5 points	Social Studies Average:	5 points or 0 points
			5 points	Mathematics Average:	5 points or 0 points
			5 points	Science Average:	5 points or 0 points
<b>Admission Criterion #2</b> Attendance	94% Attendance Total absences in grade 7 -plus- first quarter of grade 8	Total absences in Grade 7 -plus- first quarter = 14 days or less.  Total absences in Grade 7 -plus- first quarter = 15 days or more.	10 points	Total days absent in Grade 7 ( <i>All quarters</i> ) = ____ days -plus- Total days absent in Grade 8 ( <i>First quarter</i> ) = ____ days	10 points or 0 points
			0 points	Total days absent = ____ days	
<b>Admission Criterion #3</b> Written Assessment	Score on assessment determines total points earned.	Applicants may earn up to 20 points.		To be determined on January 16, 2010.	Up to 20 points may be earned.
<b>Admission Criterion #4</b> Personal Interview	Score on interview determines total points earned.	Applicants may earn up to 10 points.		To be determined on January 16, 2010.	Up to 10 points may be earned.
<b>Admission Criterion #5</b> Reading Test	Score on test determines total points earned.	Applicants may earn up to 10 points.		To be determined on January 16, 2010.	Up to 10 points may be earned.
<b>Admission Criterion #6</b> Practicum	Score on practicum determines total points earned.	Applicants may earn up to 30 points.		To be determined on January 16, 2010.	Up to 30 points may be earned.
<b>Points to Qualify:</b>	80 points			<b>My Score:</b>	

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