

Parkville High School
2600 Putty Hill Avenue, Parkville, MD 21234

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Mathematics, Science, & Computer Science
2010-2011 Assessment Guidelines

Highly motivated students are provided with opportunities for advanced learning and interdisciplinary study at accelerated levels in mathematics, science, and computer science. Students pursue prescribed courses from each of the three disciplines for their freshman, sophomore, and part of their junior years. During their last two years of high school, the students select from a variety of advanced courses in each of the three disciplines and pursue their particular area of interest.

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

Open House: **October 13, 2009** **6:00 - 8:00 p.m.** **Parkville 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.

Math, Science & Computer Science Assessment: January 13, 2010 6:00 pm

All applicants are required to attend the mathematics and science assessment held at Parkville High School. Students should be accompanied by at least one parent/guardian. Students will register for the assessment in the auditorium lobby between 5:30 and 5:45 p.m. Testing will begin promptly at 6:00 p.m. **Students arriving after 6:15 p.m. will not be admitted into the testing area.** On average, the entire assessment takes approximately 2 hours. All testing will end at 9:00 p.m. Parents may wait in the auditorium, or return to the school by 8:00 p.m.

Failure to attend the 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 Dates: January 20, 2010

Mathematics, Science & Computer Science Assessment Information

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

The Mathematics and Science assessment consists of two parts. The first part contains 45 selected response problems. The second part contains five extended response questions. Questions on both parts cover number reasoning, algebraic skills acquired in Algebraic Thinking and Algebra I, and basic middle school science concepts. Students can prepare for the assessment by reviewing material covered in Algebra I or Algebraic Thinking and their science notes from Grade 7 and Grade 8.

PARKVILLE HIGH SCHOOL APPLICANT SELF-EVALUATION 2010-2011

All applications must be mailed to the Office of Magnet Programs, postmarked by the application deadline of **November 30, 2009**. Incomplete applications will not be considered for admission.

Magnet Program	Admission Criteria
Mathematics, Science, and Computer Science	<ul style="list-style-type: none"> ✓ Algebra I or higher in grade 8 ✓ C average (1.5 or better) in English/Lang Arts, and Science ✓ B average (2.5 or better) in Mathematics ✓ Satisfactory Attendance (94% or higher) ✓ Performance on Mathematics & Science Assessment

Magnet Assessment Date

On January 13, 2010, all students will be required to attend the mathematics and science assessment held at Parkville High School. Students should be accompanied by at least one parent/Guardian. All Students should arrive by 5:45 PM. (*Inclement weather date: January 20, 2010*). Students will be reminded of the test time and location by mail.

Priority Placement

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. 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 scores on the mathematics and science assessment may fill up to 20% of the seats available in a particular career major.

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 pts, B=3 pts, C=2 pts, D=1 pt, E or missing grade=0 pts). 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 <i>(4 or 5)</i>	Grade Average
English/Lang Arts								
Social Studies								
Math								
Science								

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

Criteria		Scoring Method		My Information	My Score (Circle points earned)
Admission Criterion #1 Math Enrollment	Algebra I	Algebra I and higher	5 points	My Grade 8 math course is _____ <i>(record math course here)</i>	5 points or 3 points or 0 points
		Algebraic Thinking 2	3 points		
		Pre-Algebra and below	0 points		
Admission Criterion #2 Grade Average (see "How to Calculate Your Grade Average")	English/LA and Science: "C" average or higher: (1.5 or higher)	Score 5 points for each Grade Average equaling "C" or higher (1.5 or higher)	5 points	English/LA Average:	5 points or 0 points
		Score 0 points for each Grade Average less than "C" (less than 1.5)		10 points	
	Mathematics: "B" average or higher: (2.5 or higher)	Score 10 points for each Grade Average equaling "C" or higher (1.5 or higher)	15 points		Math Average:
	Score 0 points for each Grade Average less than "C" (less than 1.5)				
Admission Criterion #3 Attendance	94% attendance:	Total absences in Grade 7 <i>-plus-</i> first quarter of Grade 8 equals 14 days or less.	5 points	Total days absent in Grade 7 <i>(All quarters)</i> = _____ days <i>-plus-</i> Total days absent in Grade 8 <i>(First quarter only)</i> = _____ days Total days absent = _____ days	5 points or 0 points
	total absences in Grade 7 <i>-plus-</i> first quarter of Grade 8	Total absences in Grade 7 <i>-plus-</i> first quarter of Grade 8 equals 15 days or more.	0 points		
Admission Criterion #4 Math & Science Assessment	Score on assessment determines total points earned by student	Students may earn up to 60 points.		To be determined on January 13, 2010	Up to 60 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.

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

Criteria		Scoring Method		My Information	My Score (Circle points earned)		
Admission Criterion #1 Math Enrollment	Algebra I	Algebra II and higher	5 points	My Grade 9 math course is _____ <i>(record math course here)</i>	5 points or 3 points or 0 points		
		Algebra 1	3 points				
		Pre-Algebra and below	0 points				
Admission Criterion #2 Grade Average (see "How to Calculate Your Grade Average")	English/LA and Science: "C" average or higher: (1.5 or higher)	Score 5 points for each Grade Average equaling "C" or higher (1.5 or higher)	5 points	English/LA Average:	5 points or 0 points		
		Score 0 points for each Grade Average less than "C" (less than 1.5)	10 points	Science Average:	10 points or 0 points		
	Mathematics: "B" average or higher: (2.5 or higher)	Score 10 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)	Score 15 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)	15 points
Admission Criterion #3 Attendance	94% attendance: total absences in Grade 7 -plus- first quarter of Grade 8	Total absences in Grade 7 -plus- first quarter of Grade 8 equals 14 days or less.	5 points	Total days absent in Grade 7 (All quarters) = _____ days -plus- Total days absent in Grade 8 (First quarter only) = _____ days Total days absent = _____ days	5 points or 0 points		
		Total absences in Grade 7 -plus- first quarter of Grade 8 equals 15 days or more.	0 points				
Admission Criterion #4 Math & Science Assessment	Score on assessment determines total points earned by student	Students may earn up to 60 points.		To be determined on January 13, 2010	Up to 60 points may be earned		
Points to Qualify	80 points				My Score		

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