



RANDALLSTOWN HIGH SCHOOL
MAGNET PROGRAMS
Biomedical Technology

Biomedical Technology - students in this program are introduced to concepts and techniques utilized in biotechnology while providing a strong background in math and science. Students are prepared for two- and four-year programs in Pre-medicine, Allied Health, and Biotechnology. Opportunities exist for participation in Advanced Placement classes. Internships are available for seniors.

Magnet Transportation Information: Randallstown High School (Northwest Area)
Transportation is provided at community pick-up points only for students who would otherwise attend Franklin, Milford Mill, Owings Mills, New Town, or Woodlawn High School.

Open House: Tuesday, October 11, 2011 Program starts at 6 p.m.

2012-2013 Assessment Guidelines

Assessment Date: Tuesday, January 17, 2012 Last name: A – L 6 p.m.
Last name: M – Z 7 p.m.


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.

Parent(s)/guardian(s) should contact 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.

Inclement Weather Date: January 24, 2012, at the previously scheduled appointment time

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, January 24, 2012.

<p>RANDALLSTOWN HIGH SCHOOL 4000 Offutt Road Randallstown, MD 21233</p>	<p style="text-align: center;"><u>Directions to Randallstown:</u></p> <p>Take the Beltway to Liberty Rd. Exit 18 West. Follow Liberty Rd. for 2.9 Miles to Offutt Rd. Turn Right onto Offutt Rd. Follow Offutt Rd. for 1.1 Miles. Randallstown High School will be on your left side: 4000 Offutt Rd., Randallstown, MD 21133</p>
	
<p><u>Magnet Coordinator</u> James Dyson (410) 887-0748 jdyson@bcps.org</p>	



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Biomedical Technology

Prior to the Assessment

This MUST be completed prior to coming to the audition.

Self-Evaluation: Applicants are required to bring a **completed** Grade 9 or Grade 10 Applicant Self-Evaluation to the assessment. (Failure to do so will result in forfeiture of 10 points towards qualification. Applicant Self-Evaluation **included** with the guidelines.)

Personal Inventory: A Personal Inventory is included with this Assessment Guideline. Completing this activity will help applicants prepare for the written assessment on January 18, 2012. Applicants must bring the completed Personal Inventory with them to the assessment.

Demonstration of Interest Student Project:

The project is part of the Biomedical Magnet Assessment interview process. Please be sure to include the following information on the project: student's name, current school, and personal contact information (home address, phone, email).

The project that you develop should reflect your knowledge of Biotechnology. You should research the field of Biotechnology and select an area of interest that appeals to you. Your project may consist of one of the following:

- Brochure, Bi-fold or Tri-fold
- Collage, **size limited to no larger than 11"x 14"**
- Poster, **size limited to no larger than 11"x 14"**
- Photo portfolio with written descriptions

Please do not bring thumb drives, CD's, PowerPoint slide shows, or movies requiring the use of computers.

DO NOT SUBMIT YOUR PROJECT WITH YOUR MAGNET APPLICATION!

This must be completed prior to your assessment interview. Please bring your completed project to the Magnet Assessment.

Applicants who do not complete the Demonstration of Interest Project WILL NOT receive credit for this portion of the assessment.



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On the Day of the Assessment

The assessment is scheduled for 1 hour.

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

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

Failure to attend an assessment WILL result in disqualification.

Registration Information

Applicants must attend the school-based assessment for the program to which they applied. All applicants will be contacted regarding a specific appointment time.

Applicants should arrive 15 minutes prior to the scheduled assessment time and register for the assessment in the main lobby. Applicants should be accompanied by at least one parent/guardian.

Applicants arriving more than 15 minutes after the scheduled assessment time will not be allowed into the testing area. On average, the entire assessment takes approximately 1 hour. Parents may wait in the building, or return to the school within 1 hour.

Assessment Description

The assessment involves a personal interview and a writing assessment. Applicants need to bring two #2 pencils, the finished “Demonstration of Interest” project, and the completed Applicant Self-Evaluation (see previous page).

Essay (25 points): Applicants will read and respond to a prompt, using writing skills learned in middle school. Written responses will be scored using a standard rubric.

Interview (25 points): Applicants are evaluated on their ability to respond to interview questions giving answers that are complete and well explained without prompting from the interviewer. Questions are focused on the candidate’s interests and goals and the finished “Demonstration of Interest” student project.

Documented testing accommodations, as appropriate to the assessment, will be provided.
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Magnet Events

Magnet EXPO!	Saturday, September 24, 2011 Crowne Plaza Timonium	10 a.m. - 2 p.m.
Magnet Application Meetings	Tuesday, September 27, 2011 Woodlawn HS Auditorium	Program starts at 6 p.m.
	Wednesday, September 28, 2011 Kenwood HS Auditorium	Program starts at 6 p.m.
Application Deadline	Wednesday, November 30, 2011	

Application packets are available at www.bcps.org/offices/omp. Applications must be hand delivered or postmarked on or before **November 30, 2011**. Late applications are not processed



RANDALLSTOWN HIGH SCHOOL
MAGNET PROGRAMS

**Biomedical Technology
Personal Inventory**

Name: _____ Date of Birth: _____

The Biomedical Technology Magnet Program at Randallstown High School introduces students to concepts and techniques utilized in biotechnology while providing a strong background in math and science. Students are prepared for two-and four-year college programs in Pre-medicine, Allied Health, and Biotechnology. Students are challenged to become critical thinkers, lifelong learners, foster the development of leadership skills, citizenship, and integrity. The Admissions Committee would like to learn about your interest in the Biomedical Technology Magnet Program and the activities/experiences you have had that relate to our program.

Directions: Please respond to the items below. You will need to bring your responses with you to the Biomedical Magnet Programs Assessment at Randallstown High School on Tuesday, January 17, 2012.

Before you write your response, take time to visit our display at the 2011 BCPS *Magnet EXPO!* or at our open house on Tuesday, October 11, 2011 (6:00 PM).

- 1. Explain the strengths or skills that you have and how they contribute to either academic or personal accomplishments.

- 2. Identify leadership experiences that you have had and explain what you have learned from them.

- 3. Describe how participating in school activities has helped you to develop as a responsible student.

- 4. Identify community activities in which you are involved and explain how they have helped you to develop as a productive citizen within your community.



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Biomedical Technology
Personal Inventory

5. Explain why you want to participate in the Biomedical Technology Magnet Program at Randallstown High School. Include what you hope to gain from the program, and how the program will assist you in pursuing your college/career goals.



RANDALLSTOWN HIGH SCHOOL
MAGNET PROGRAMS
APPLICANT SELF-EVALUATION 2012-2013
Biomedical Technology

DO NOT include this worksheet with your application.

Important: All applications must be postmarked by the application deadline of November 30, 2011. Incomplete applications will not be considered for admission.

Admission Criteria

Magnet Program	Admission Criteria
Biomedical Technology	<ul style="list-style-type: none"> ✓ Algebra I or higher in Grade 8; Algebra II or higher in Grade 9 ✓ "B" average or higher (2.5 grade point average or higher) in Mathematics, Science, English/Language Arts and Social Studies ✓ Performance on Interview ✓ Performance on written assessment

Magnet Assessment Date

On January 17, 2012, all applicants will be required to attend the assessment held at Randallstown High School. Applicants should be accompanied by at least one parent/Guardian. All applicants should arrive 15 minutes before their scheduled time. *(Inclement weather date: January 24, 2012)*. All applicants 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, applicants who earn the highest combined scores on the interview and written assessments may fill up to 20% of the seats available in a particular program.

Qualifying for Admission

The applicant must earn at least 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	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								



RANDALLSTOWN HIGH SCHOOL
MAGNET PROGRAMS
Grade 9 APPLICANT SELF-EVALUATION 2012-2013
Biomedical Technology

DO NOT include this worksheet with your application.

Important: All applications must be postmarked by the application deadline of **November 30, 2011**. Incomplete applications will not be considered for admission.

Criteria		Scoring		My information	My Score
Admission Criterion #1 Math Enrollment	Algebra I	Algebra I and higher	10 points	My current math course is: _____ <i>(record math course here)</i>	_____/10 pts.
		Algebraic Thinking 2	5 points		
		Pre-Algebra and below	0 points		
Admission Criterion #2 Grade Average (see "How to Calculate Your Grade Average")	B average or higher (2.5 or higher) in Math and Science	English/ Lang. Arts, Math, Science and Social Studies		English/ Lang. Arts Average: _____	_____/5 pts.
		Score 5 points for each average equaling "B" (2.5) or higher.		Mathematics Average: _____	_____/5pts.
		Score 0 points for each average less than "B" (less than 2.5)		Science Average: _____	_____/5 pts.
				Social Studies Average: _____	_____/5pts.
Admission Criterion #3 Essay	Score determines total points earned	Applicant may earn up to 25 points.		To be determined on January 17, 2012	_____/25pts.
Admission Criterion #4 Interview	Score determines total points earned	Applicant may earn up to 25 points.		To be determined on January 17, 2012	_____/25pts.
Admission Criterion #5 Self-Evaluation	Score determines total points earned	Applicant may earn up to 10 points.		To be determined on January 17, 2012	_____/10pts.
Admission Criterion #6 Demonstration of Interest	Score determines total points earned	Applicant may earn up to 10points.		To be determined on January 17, 2012	_____/10pts.
Points to Qualify	80 points				My Score: _____ /100 pts

DO NOT include this worksheet with your application.

FOR STUDENT SELF-ASSESSMENT USE ONLY – does not indicate qualification for programs.



RANDALLSTOWN HIGH SCHOOL
MAGNET PROGRAMS
 Grade 10 APPLICANT SELF-EVALUATION 2012-2013
 Biomedical Technology

DO NOT include this worksheet with your application.

Important: All applications must be postmarked by the application deadline of **November 30, 2011**. Incomplete applications will not be considered for admission.

Criteria		Scoring		My information	My Score
Admission Criterion #1 Math Enrollment	Algebra II	Algebra II and higher	10 points	My current math course is _____ <i>(record math course here)</i>	_____/10 pts
		Algebra I	5 points		
		Algebraic Thinking 2, Pre-Algebra and below	0 points		
Admission Criterion #2 Grade Average (see "How to Calculate Your Grade Average")	B average or higher (2.5 or higher) in Math and Science	English/Lang. Arts, Math, Science and Social Studies		English/ Lang. Arts Average: _____	_____/5 pts
		Score 5 points for each average equaling "B" (2.5) or higher.		Mathematics Average: _____	_____/5pts
		Score 0 points for each average less than "B" (less than 2.5)		Science Average: _____	_____/5 pts
				Social Studies Average: _____	_____/5pts
Admission Criterion #3 Essay	Score determines total points earned	Applicants may earn up to 25 points.		To be determined on January 17, 2011	_____/25 pts.
Admission Criterion #4 Interview	Score determines total points earned	Applicants may earn up to 25 points.		To be determined on January 17, 2011	_____/25 pts.
Admission Criterion #5 Self-Evaluation	Score determines total points earned	Applicant may earn up to 10 points.		To be determined on January 17, 2011	_____/10pts.
Admission Criterion #6 Demonstration of Interest	Score determines total points earned	Applicant may earn up to 10 points.		To be determined on January 17, 2011	_____/10pts.
Points to Qualify	80 points				My Score: _____/100 pts

DO NOT include this worksheet with your application.

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