

# Randallstown High School

4000 Offutt Road  
Randallstown, MD 21233

## Academy of Health Professions

### 2024-2025 Assessment Guidelines

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#### Eligibility

**Applications must be submitted on or before 1 p.m. on Friday, November 3, 2023.** Applications can be accessed from the [BCPS Magnet Programs' Web site \(www.tinyurl.com/BCPSMagnet\)](http://www.tinyurl.com/BCPSMagnet) beginning at 12:00 noon on Tuesday, September 12, 2023. Late applications are not processed.

Applicants must attend and complete the assessment for the program to which they applied. Failure to do so will disqualify the applicant; and admission into the magnet program will be denied.

Applicants may only assess for the program(s) to which they applied. Assessments completed for a program not selected on the application will not be scored.

Documented testing accommodations, as appropriate to the assessment, will be provided. Education plans for students not currently attending a BCPS school must be submitted with the magnet application.

#### Assessment Scheduling

Assessments must be scheduled through the online application system when the application is submitted.

***Failure to attend an assessment WILL result in disqualification.***

If there are scheduling conflicts with other magnet assessments, parents must contact the Magnet Programs' office by no later than November 8, 2023.

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

- ensure the applicant attends the assessment on the scheduled date and time.
- ensure the applicant brings the required materials to the assessment.
- contact the schools immediately if an unforeseen illness or emergency occurs.

**Unforeseen Illness or Emergency:** If the applicant cannot attend or complete the scheduled assessment due to an unforeseen illness or emergency, **please immediately contact Randallstown High School at (443) 809-0748.** Please be aware that assessments will not be rescheduled without documentation verifying the illness or emergency. Documentation must be provided to the school within 72 hours of the illness or emergency.

**Inclement Weather:** If 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, (443) 809-5555. Closings and cancellation announcements may also be made through local media.

#### Academic Integrity

By taking the BCPS magnet assessments, applicants agree NOT to participate in any of the following activities. Violation of this agreement may result in disqualification:

- Submitting, copying, or attempting to copy another's work, including plagiarizing another's words or ideas
- Using or attempting to use unauthorized materials and/or technology
- Falsifying information in an academic exercise
- Assisting another in academic dishonesty

**Randallstown High School  
Academy of Health Professions  
Assessment Overview**

**Magnet Coordinator(s):** Kimberly Miller

(443)-809-0748

ksturdivant@bcps.org

**Assessment Date(s):** Thursday, Jan. 11, 2024 @ 5 – 7:15 p.m.

Applicants must arrive 30 minutes prior to assessment start time

*Inclement Weather Date: Tuesday, Jan. 16, 2024*

*Assessments are by appointment only. Assessments must be scheduled by Nov. 8, 2023.*

**Assessment Duration:** 1 hour 15 minutes

**Assessment Description:** Applicants will complete a multiple-choice test with approximately 15 language arts questions, 15 math questions, and 20 Magnet-related questions about health professions.

**On-Site Registration**

- **Arrival:** Registration will begin 30 minutes prior to the appointment time. Applicants arriving more than 15 minutes after the scheduled appointment time will not be allowed into the testing area.
- **Accompaniment Information:** Applicants should be accompanied by at least one parent. Parents may wait in the building, or return to the school within 1 hour.
- **What to Bring (see Preparing for the Assessment below for details):**
  - Two #2 pencils

**Randallstown High School**  
**Academy of Health Professions**  
**Assessment Components & Self Evaluation**

Evaluation Component	Scoring	My Information	Point Values
Grade Average - English/Language Arts, Math, and Science 2.5 (B) average or higher preferred	2.5 (B) average or higher=10 pts each Less than 2.5 (B) average=0 pts each	English/Lang. Arts Avg: _____ Math Avg: _____ Science Avg: _____	____ / 10 pts ____ / 10 pts ____ / 10 pts
Language Arts Test	Applicant may earn up to 15 pts	To be determined on scheduled assessment date	15 pts
Magnet Test	Applicant may earn up to 40 pts	To be determined on scheduled assessment date	40 pts
Math Test	Applicant may earn up to 15 pts	To be determined on scheduled assessment date	15 pts
<b>TOTAL</b>			____ / 100 pts

**Academic Evaluation:** The Academic Evaluation is conducted by BCPS Magnet Programs staff using the applicant's report cards. See below for a description of the grade calculation method. The chart below is for reference only and should not be submitted with assessment or application materials.

**How to Calculate Grade Averages:**

Convert marking period letter grades to points (A=4, P=4, B=3, C=2, D=1, E/F=0).

Then divide by the number of marking periods.

Alternate grading scales and/or weighted grades will not be used in calculating Grade Averages.

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

**Randallstown High School  
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Preparing for the Assessment**

Applicants will complete a multiple-choice test with approximately 15 language arts questions, 15 math questions, and 20 Magnet-related questions about health professions.

The assessment will last 1 hour.

Prior to attending the assessment, student applicants may want to review:

- **Math Concepts:** order of operations, operations with fractions, number patterns, simplifying expressions, solving equations, identifying functions, finding slopes and equations of lines, graphing linear equations, using the Pythagorean theorem, and understanding angle relationships with intersection lines.
- **Language Arts Concepts:** identifying main idea, answering questions based upon a reading passage, grammar, and punctuation.
- **Magnet Test - Health Professions Concepts:** information for the specific magnet concepts (see below).

Please see sample questions for more specific review information.

**Sample Mathematical Questions**

1. If George ran 61,000 feet, and 5,280 feet = 1 mile, how many miles did George run?
2. Solve for  $x$ .  $4x = 25 - 5$
3. Order the following decimals least to greatest:  
  
0.818, 0.821, 0.806, 0.804
4. If  $x=7$ , then  $5x^2 + 8x - 4 =$

**Sample Mathematics Questions Solutions**

1. 11.55 miles
2.  $x = 5$
3. .804, .806, .818, .821
4. 297

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**Reading Sample Questions**

Directions: Read the following passage and use it to answer questions 1-3.

**School Photographer**

By Kristine O'Connell George

When I am behind my camera lens  
I can make people stand closer,  
wrap their arms around each other,  
even get them to smile.  
When I am behind my camera lens  
I see things others don't.  
I can record a single moment  
that *distorts* or tells the truth.  
When I am behind my camera lens  
I can see everything  
except my own self, hiding  
behind my camera.

1. Why does the speaker feel hidden?
  - a. No one can see her
  - b. She is looking through the camera
  - c. There is no one around
  - d. Other people are standing in front of her
  
2. In line 6, when the speaker says, "I see things others don't," she most likely means \_\_\_\_\_.
  - a. People often overlook what's around them
  - b. People don't pay attention when their picture is taken
  - c. Cameras are the most accurate form of record keeping
  - d. The camera lens is like a microscope
  
3. In the first four lines, the speaker likes being a photographer because she \_\_\_\_\_.
  - a. Likes to take pictures of her friends
  - b. Gets to make other people do things
  - c. Enjoys the feel of the camera in her hands
  - d. Wants to become a better school photographer

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Questions 4-5 are not based on a reading.

4. Choose the word or group of words that means the same, or about the same, as the underlined word.

Mr. Martinez told Dave to enunciate the word carefully, so everyone in the audience would hear it clearly. Enunciate means \_\_\_\_\_.

- a. examine
- b. write
- c. pronounce
- d. describe

## Reading Sample Assessment: Answer Key

- 1. B
- 2. A
- 3. B
- 4. C

## Health Professions Concepts

### I. Know the roles and responsibilities of various health care workers:

Physical therapist	Radiologist	Pharmacist	Phlebotomist	Psychologist
Dental Hygienist	Occupational Therapist	Registered Dietician	Physical Therapist	
Paramedic	Athletic Trainer	Dietary Aide	Physician Assistant	

### II. Vocabulary to define:

glucometer	lymph	stethoscope	contusion
fracture	saliva	hemorrhage	speculum
sputum	pus	abuse	negligence
assault and battery	cardiac arrest	respiratory failure	invasion of privacy
abrasion	thrombosis	citrus	prescription

### III. Anatomy and Physiology:

Know the components of each system and the system's role:

Cardiovascular System	Reproductive System	Urinary System
Digestive System	Musculoskeletal	Respiratory System
Sensory System	Integumentary System	Nervous System

# **Randallstown High School Academy of Health Professions**

## **Health Professions Sample Questions**

1. I help to prevent and treat athletic injuries and provide rehabilitation services to athletes.
  - a. Audiologist
  - b. Athletic Trainer
  - c. Occupational Therapist
  - d. Massage Therapist
  
2. \_\_\_\_\_ includes any care that results in physical harm, pain, and mental anguish.
  - a. Malpractice
  - b. Invasion of Privacy
  - c. False Imprisonment
  - d. Abuse
  
3. This system is responsible for the physical and chemical breakdown of food:
  - a. Endocrine
  - b. Respiratory
  - c. Digestive
  - d. Nervous

## **Sample Questions Key**

1. B
2. D
3. C