

KENWOOD HIGH SCHOOL

Sports Science Academy (SSA)

The Sports Science Academy offers opportunities for students to pursue an interdisciplinary core curriculum and investigate careers in sports, health, and fitness fields, including Medicine/Education, Business, Communication, and Graphic Design.

BCPS Magnet Transportation Information: Kenwood High School (Northeast Area)

Transportation is provided at community pick-up points for students from all areas of Baltimore County Public Schools.

Open House: Thursday, November 3, 2011 Program starts at 6 p.m.

2012-2013 Assessment Guidelines

Assessment Date: Tuesday, January 17, 2012 last name: A-L 5:00 p.m.
Thursday, January 19, 2012 last name: M-Z 5:00 p.m.

Pre-assessment workshop: Tuesday, January 10th, 2012 from 6:30-8p.m. at Kenwood High School. To reserve a spot, you must contact the Sports Science Coordinator, Jennifer Barrett, at 410-687-4627. Reservations must be made by 3pm on Monday, January 9th, 2012

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 Dates:

Tuesday, January 24, 2012 last name: A-L 5:00 p.m.
 Wednesday, January 25, 2012 last name: M-Z 5:00 p.m.

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.

<p>Kenwood High School 501 Stemmers Run Road, Baltimore, MD 21221</p>	<p><u>Directions to Kenwood High School:</u></p> <p>From the West -</p> <ul style="list-style-type: none"> • I-695 toward Essex • Exit 35 B (Route 40 East) • Right at the 2nd traffic light onto Rossville Boulevard • Left at the 3rd traffic light onto Stemmers Run Road • Kenwood HS will be on the right. <p>From the South -</p> <ul style="list-style-type: none"> • I-95 North to exit 64 A (I-695 East) • Exit 35 B (Route 40 East) • Right at the 2nd traffic light onto Rossville Boulevard • Left at the 3rd traffic light onto Stemmers Run Road • Kenwood HS will be on the right.
	
<p><u>Magnet Coordinator</u> Jen Barrett 410-887-0152/410-687-4627 jbarrett@bcps.org</p>	

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Prior to the Audition

This MUST be completed prior to coming to the audition.

Complete the 2012-2013 Applicant Self-Evaluation included with these guidelines.

Research Project:

Applicants will identify a sports science related career that is of interest to them, conduct research on that career, and create a tri-fold brochure that shows the results of the research. The brochure should be constructed from an 8 ½" x 11" sheet of plain white paper and include the following information based on the results of the research:

1. Name of the sports science related career
2. At least 2 pictures representing the career
3. Three (3) specific job requirements for a professional in this career
4. Three (3) specific traits/qualities that would make a successful professional in this field
5. Average salary for a professional in this career
6. Number of years of school required to enter this field (including college)

Brochures will be evaluated on effective use of color, neatness, organization, clear labeling of sections, and inclusion of required information. Applicants must bring the brochure in a sealed envelope with the applicant's name on the front to the assessment at Kenwood High School.

Do NOT submit the brochure with the magnet application.

Applicants who do not come to the assessment with the brochure will not receive credit for this part of the assessment.

Magnet Test:

Students are encouraged to work through the sample questions attached to these guidelines in order to prepare for the assessment.

On the Day of the Assessment

The assessment is scheduled for 2 hours.

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.

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Registration Information

Applicants should report for the assessment according to their last name as follows:

Tuesday, January 17, 2012	last name: A-L	5:00 p.m.
Thursday, January 19, 2012	last name: M-Z	5:00 p.m.

Applicants should arrive by 5:00 p.m. Applicants should be accompanied by at least one parent/guardian. Applicants will register for the assessment in the front lobby where testing room assignments will be provided. Testing will begin promptly at 5:30 p.m. ***No one will be admitted to the assessment after 5:15 p.m.*** Applicants will have 2 hours to complete the assessment. Applicants may bring a calculator for the math section. On average, the entire assessment takes approximately 1 ½ hours. Parents may stay during the audition, or return to the school within 1 ½ hours. Seating will be available in the school for parents/guardians.

Assessment Description

Please bring a calculator, two #2 pencils, a blue or black ink pen, and your demonstration of interest project (Sports Science Career brochure) to the assessment.

The Sports Science Academy assessment is comprised of a 4 part test and a demonstration of interest project:

Test Part 1: PE (10 points)

Applicants will respond to questions related to Physical Education. Responses require prior knowledge and are based on what students are expected to know by the end of the first quarter of Grade 8.

Test Part 2: Science (10 points)

Applicants will respond to questions related to Science. Responses require prior knowledge and are based on what students are expected to know by the end of the first quarter of Grade 8.

Test Part 3: Math (15 points)

Applicants will respond to questions related to Mathematics. Responses require prior knowledge and are based on what students are expected to know by the end of the first quarter of Grade 8.

Test Part 4: Reading Comprehension (15 points)

Applicants will read a short article and respond to 15 questions based on the information provided in the reading selection. Each correct response will receive 1 point for a total of 15 possible points.

Demonstration of Interest Project (20 points)

Applicants will need to bring to their brochure, which will demonstrate their interest in the Sports Science Academy, to the assessment. The brochure should provide the results of the applicant's research findings about a sports science-related career.

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 6p.m.
	Wednesday, September 28, 2011 Kenwood HS Auditorium	Program starts at 6p.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

SPORTS SCIENCE ACADEMY
MATH, SCIENCE & PHYSICAL EDUCATION
SAMPLE ASSESSMENT

This a sample assessment of the math, science, and physical education sections of the Sports Science Academy entrance examination. Though the sample questions will not be on the actual assessment, it will give you a chance to prepare accordingly. Once you have completed the sample questions, please check your answers with the answer key in the back of this packet.

PHYSICAL EDUCATION SECTION

1. _____ is one way to improve cardiovascular fitness.
 - A. Push ups
 - B. Curl ups
 - C. Stretching
 - D. Running a mile

2. Which of the following is an appropriate muscular endurance training activity?
 - A. Power lifting in the weight room.
 - B. Playing soccer once a week.
 - C. Performing curl ups 3-5 times a week.
 - D. Swimming 3 times a month.

3. Increasing your workout from 3 days to 5 days a week is an example of _____.
 - A. Frequency
 - B. Intensity
 - C. Time
 - D. Type

4. Which of the following activities would most improve your balance?
 - A. Ballet
 - B. Football
 - C. Cycling
 - D. Both B & C

5. _____ is important when adding muscle mass to the body.
 - A. Fat
 - B. Protein
 - C. Carbohydrates
 - D. Vitamins

SCIENCE SECTION

1. The heart, pancreas, and liver, would all be classified as _____.
 - A. Cells
 - B. Organs
 - C. Tissues
 - D. Organ Systems
2. Cells reproduce by _____.
 - A. Splitting
 - B. Doubling
 - C. Birthing
 - D. Hatching
3. Located inside each cell is a jellylike liquid called _____.
 - A. Nucleus
 - B. Cytoplasm
 - C. Membrane
 - D. Fluid
4. _____ is the act or process of changing.
 - A. Variation
 - B. Fertilization
 - C. Reproduction
 - D. Respiration
5. What is the first phase of the scientific method?
 - A. Do background research
 - B. Hypothesize
 - C. Conduct Test
 - D. Ask Questions

MATH SECTION

1. Solve for x : $x + 20 = 62$
 - A. 32
 - B. - 42
 - C. 42
 - D. - 32

2. What is the value of $5(9-4) + 6$
 - A. 31
 - B. 33
 - C. 40
 - D. 63

3. Evaluate: $6w + 4x - y$, if $w = 2$, $x = 1$, $y = 5$
 - A. 16
 - B. - 12
 - C. 11
 - D. 54

4. Simplify: $17a - 13a$
 - A. $30a$
 - B. $21a$
 - C. $14a$
 - D. $4a$

5. Last year, Mrs. Barrett taught 200 students.
20% earned an A, 30% earned a B, 35% earned a C, 10% earned a D, 5% earned an E
Using the information above, how many of Mrs. Barrett's students earned a "C"?
 - A. 40
 - B. 60
 - C. 65
 - D. 70

ANSWER SHEET

Physical Education

1. D
2. C
3. A
4. A
5. B

Science

1. B
2. A
3. B
4. A
5. D

Math

1. C
2. A
3. C
4. D
5. D

KENWOOD HIGH SCHOOL APPLICANT SELF-EVALUATION 2012-2013

Sports Science Academy (SSA)

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
Sports Science Academy	<ul style="list-style-type: none"> ✓ "B" average (2.5 GPA or better) in Language Arts/English, Science, and Physical Education ✓ "C" average (1.5 GPA or better) in Mathematics and Social Studies ✓ Performance on Math, Science, PE and Reading Assessment ✓ Sports Science-related career brochure

Magnet Assessment Date

Sports Science Academy:

On January 17, 2012, all applicants with a last name that begins with A-L, and on January 19, 2012, all applicants with a last name that begins with M-Z, will be required to attend the assessment held at Kenwood High School. Applicants should be accompanied by at least one parent/Guardian. All applicants should arrive by 5:15 p.m. (*Inclement weather date: January 24, and 25, 2012*) 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(s). 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 math/science/PE and reading test and the career brochure may fill up to 20% of the seats available in the magnet 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								
PE								

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APPLICANT SELF-EVALUATION 2012-2013
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Criteria		Scoring	My Information	My Score
Admission Criterion #1 Grade Average (see "How to Calculate Your Grade Average")	"C" average or higher in Math and Social Studies	Math and Social Studies: 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)	Mathematics Average: _____	_____ /5 pts
			Social Studies Average: _____	_____ /5 pts
	"B" average or higher in English/LA, Science and PE	English/LA and Science: 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)	English/Lang Arts Average: _____	_____ /5 pts
			Science Average: _____	_____ /5 pts
			Physical Ed. Average: _____	_____ /10 pts
Admission Criterion #2 Comprehensive Assessment	Score determines total points earned	Applicants may earn up to 50 points.	To be determined on January 17 or 19, 2012	_____ /50 pts
Admission Criterion #3 Career Brochure	Score determines total points earned	Applicants may earn up to 20 points.	To be determined on January 17 or 19, 2012	_____ /20 pts
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.