

# 2016 – 2017 Profile

## BYRAM HILLS HIGH SCHOOL

12 Tripp Lane  
Armonk, NY 10504-2511  
Phone 914-273-9200 ~ Fax 914-730-0015

### U.S. Department of Education High School of Excellence

Chairperson of School Counseling: **Dr. Michael McGrath**  
Counselors: **Ms. Susan Buchman**  
**Ms. Anne Kaplan**  
**Mr. Gary McCarthy**  
**Mr. Robert Sammon**  
**Ms. Kristina Wilson**

**Mr. Christopher Walsh, Principal**  
**Ms. Gina Cunningham, Assistant Principal**  
**Ms. Kristen Sautner, Assistant Principal**

CEEB/ACT Code: 330225

### The Community

Byram Hills High School serves a community of approximately 12,300. This quiet suburban Community, located 35 miles from NYC, has attracted a population of well-educated professionals. The excellent educational programs and services are evidence of the outstanding support of the Community.

### National Merit Scholarship Program

| <u>Class</u> | <u>Finalists</u> | <u>Semifinalists</u> | <u>Commended</u> |
|--------------|------------------|----------------------|------------------|
| 2016         | 5                | 5                    | 30               |

### School Characteristics

- Four-year public high school
- Current Enrollment – 824
- Accredited by the New York State Department of Education
- Member of the Cum Laude Society
- Member of The College Board and the National Association of College Admissions Counselors
- Primarily college preparatory - 96% enroll in college after graduation

### Test Results – Class of 2016

#### SAT Reasoning

##### Mean Scores

| Critical Reading | Math | Writing |
|------------------|------|---------|
| 599              | 638  | 601     |

#### Subject Tests

| <u>Test</u>        | <u>Mean</u> | <u>No. Students</u> |
|--------------------|-------------|---------------------|
| Literature         | 684         | 11                  |
| US History         | 727         | 24                  |
| World History      | 666         | 36                  |
| Level 1C Math      | 673         | 23                  |
| Level II C         | 753         | 61                  |
| Chemistry          | 734         | 20                  |
| Ecological Biology | 705         | 49                  |
| Molecular Biology  | 691         | 27                  |
| Physics            | 703         | 10                  |

Test result data are taken from the 2016 College-Bound Seniors Report for Byram Hills High School published by College Board. This report summarizes information for seniors who took the SAT Reasoning Test and/or the SAT Subject Tests any time during their high school years through March 2016. If a student took a test more than once, the most recent score is used. Students are counted once no matter how often they tested.

**Class of 2016 – ACT**  
**Mean Composite = 28**

### Graduation Requirements

| <u>Required Subjects</u> | <u>Credits</u> |
|--------------------------|----------------|
| English                  | 4              |
| Social Studies           | 4              |
| Mathematics              | 3              |
| Science                  | 3              |
| World Languages          | 2              |
| Art and/or Music         | 1              |
| Health                   | 0.5            |
| Physical Education       | 2              |
| C.P.R. Certification     | 0              |
| Electives                | 3.5            |

### Class of 2016 Statistics

Number of Graduates: 233

98% attend: 4 year colleges  
2% attend: 2 year colleges

|           |                          |     |
|-----------|--------------------------|-----|
| Location: | NYS                      | 29% |
|           | Out of State             | 71% |
| Control:  | Public                   | 32% |
|           | Private Colleges & Univ. | 68% |

### Authentic Science Research

- Intel Science Talent Search

|             | Semifinalists | Finalists |
|-------------|---------------|-----------|
| 2016        | 5             | 0         |
| 1991 – 2016 | 96            | 18        |

# Grade Information

|    | <u>Grading System</u> | <u>GPA Scale</u> |
|----|-----------------------|------------------|
| A+ | 96-100                | 4.6              |
| A  | 90-95                 | 4.0              |
| B+ | 86-89                 | 3.6              |
| B  | 80-85                 | 3.0              |
| C+ | 76-79                 | 2.6              |
| C  | 70-75                 | 2.0              |
| D  | 65-69                 | 1.0              |
| F  | 0-64                  | 0                |

- All subjects except physical education are included in the calculation of the GPA.
- GPAs are calculated at the end of the junior year (6 semesters).
- Summer school grades are reported on the transcript and included in the GPA. Grades for courses repeated are also shown on the transcript and included in the GPA. (If a State Regents exam is retaken, only the highest score is reported).
- Failing grades are entered on the transcript when the course is repeated.
- College letters of recommendation are confidential and are not shared with students or their families.

- Courses are NOT WEIGHTED in calculating GPAs.
- Byram Hills DOES NOT assign a rank in class. A graph showing GPA distribution is included in each college application packet.

## Special Course Descriptions

**AP PROGRAM** – Byram Hills High School has an exceptionally rigorous AP Program. Students are required to complete an application process and to be recommended for the courses by the faculty. Selected students are not allowed to drop AP courses after the first quarter and all AP students are required to take the AP exam. We offer 22 AP courses: Language and Composition, Literature and Composition, United States History, European History, World History, Human Geography, Statistics, Calculus AB & BC, Computer Science, Chemistry, Biology, Physics 1 & C, Spanish Language, French Language and Culture, Italian Language and Culture, Music Theory, Photography, Graphic Design, 3-D Design and Art Studio.

**INTERDISCIPLINARY PERSPECTIVES IN LITERATURE** – This is an alternative course for seniors qualified to take AP level English but who seek an integrated study that includes literature, philosophy, art, and an intensive writing experience. Students submit a quarterly portfolio of creative, critical and reflective pieces. The reading list for this advanced interdisciplinary course typically includes: *Waiting for Godot*, *Hamlet*, *Rosencrantz and Guildenstern are Dead*, *The Stranger*, *The Things They Carried*, *City of Glass*, *Franny and Zooey*, and *Nine Stories*. Students receive (2) two academic credits for this double period class.

**MATHEMATICS COURSES** – Algebra 1, Geometry, Algebra 2 and Trigonometry – This three-year sequence integrates the content and process strands outlined by the New York State core curriculum, focusing on conceptual understanding, procedural fluency, and problem-solving. Students take the Algebra 1 Regents math exam at the end of the Algebra 1 course.

**EXPANDED MATH** – Algebra 1 Part 1, Geometry B, Algebra 1, Part 2, and Introduction to Probability & Statistics - This four-year sequence covers the New York State Regents curriculum through Algebra 1, and also various topics from Geometry and Algebra 2 and Trigonometry. Students take the Algebra 1 Regents exam.

**SCIENCE RESEARCH** – This course allows self-motivated students to pursue original and independent research under the mentorship of professional scientists and academics. It is a three-year program that is accredited by the State University of New York and can qualify students for up to 12 college credits. The Intel Science Talent Search has ranked this course as one of the top 5 High School Research programs in the world. College credit is awarded through the University in the High School program of the State University of New York.

**MENTORING** – A highly competitive program that puts every ninth grader in daily contact with a faculty member and two senior leaders who are chosen and trained as mentors. The goals of the program focus on orientation to the high school, personal development, community spirit, and citizenship.

**PEER LEADERSHIP** – A highly competitive program for selected seniors who are trained as instructional leaders and teach in our Health classes for 10<sup>th</sup> graders. The focus of their work is healthy lifestyle choices.

**BIG BROTHER/BIG SISTER** – Selected seniors are assigned to an elementary classroom to work alongside the teacher at least twice per week. In addition to their classroom work, students meet in a seminar regularly and complete reflective assignments.

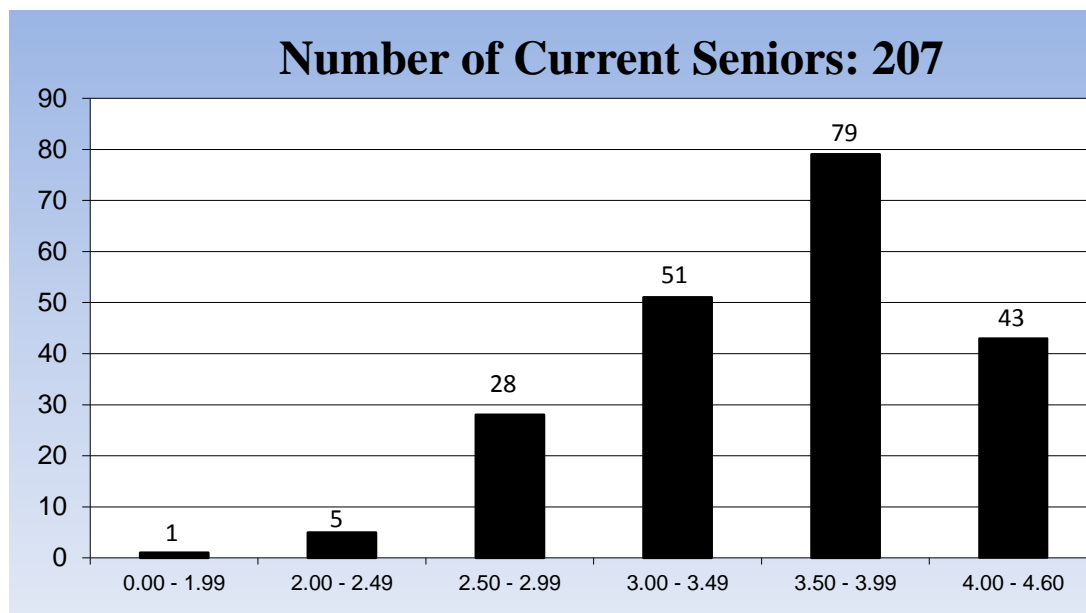
**UNIVERSITY IN THE HIGH SCHOOL COURSES (UHS)** – Our Science Research course is guaranteed college credit by the State University of New York at Albany. The University has approved the course curricula and the teacher's credentials.

**CHEMISTRY LAB AND TEACHING ASSISTANT (CHEM. TA)** – A highly competitive program for seniors who have taken AP Chemistry, or excelled in honors chemistry. Selected seniors receive training in instructional leadership, teach in our Regents chemistry classes, and act as laboratory assistants. The goal of the program is to provide high-achieving chemistry students with the opportunity to strengthen their knowledge in science, further their leadership skills, and offer support to peers who are enrolled in Regents chemistry. The Chem TA's attend regularly scheduled office hours to provide students with additional support.

## **GPA DISTRIBUTION CLASS OF 2017**

Byram Hills High School does not assign individual class rank to its seniors. Comprehensive descriptive information is provided on the school profile and on the transcript.

The distribution of the sixth semester cumulative Grade Point Averages for the class of 2017 is shown below. All courses except physical education are included in computing the grade point average. No grades are weighted in determining GPAs.



**Grade Point Average  
September 2017 (includes six semesters)**