

# PLAINVIEW-OLD BETHPAGE JOHN F. KENNEDY HIGH SCHOOL

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CEEB Code: 334532 www.pobschools.org



**Excellence in Education**

## **2015-2016 HIGH SCHOOL PROFILE**

**James Murray, Principal**

Assistant Principals:

Philip Farrelly  
Eric Haruthunian  
Vanessa Schack

Laurie B. Lynn, Director of Guidance

Counselors:

Jessica Baker	Jason Miller
Domenick DiDomenico	Cristina Rivas-Laline
Joseph Izzo	Sara Schaffer
Neil Lasher	Jennifer Siegel

### **Our School**

Plainview Old Bethpage John F. Kennedy High School is a four-year secondary school (grades 9-12). In addition to the high school, the district encompasses two middle schools (grades 5-8), four elementary schools (grades 1-4) and one kindergarten center.

### **The Community**

The combined hamlets of Plainview and Old Bethpage (population approximately 32,000) are centrally located on Long Island, approximately 35 miles east of New York City. The adult residents of the community are comprised predominately of business and professional people. The community has established a reputation for its support of excellence in education.

### **Our Mission**

The Mission of the Plainview Old Bethpage Central School District is to provide an academically challenging and stimulating environment for all students, and to enable them to realize their full potential to be happy, ethical and analytical citizens of the world. We do this by:

- Making tolerance, acceptance, respect, honesty and kindness expectations for all students and for members of the Plainview Old Bethpage school community.
- Identifying each student's academic, social, emotional, aesthetic and physical needs and striving to meet those needs; and
- Encouraging communication between and among students, teachers, parents, administrators and community members.

### **Enrollment**

There are 1537 students enrolled in grades 9 through 12. The Class of 2016 consisted of 387 students.

### **Accreditation**

Plainview Old Bethpage John F. Kennedy High School is fully accredited by the New York State Education Department and Tri-State Consortium.

**Class Rank**

Plainview Old Bethpage John F. Kennedy High School does not assign a rank in class to students. It is hoped that colleges recognize the strength of the academic program at this high school rather than fine numerical differentiations among members of the class.

**Course Weighting**

Honors classes are weighted by an additional 5%, Advanced Placement classes by an additional 7%, only when calculating cumulative average.

**Graduation Requirements**

The New York State Department of Education requires the completion of twenty-two (22) units of credit. The distribution of credits is as follows:

English	4	Mathematics	3	Health	1
Social Studies	4	Art and/or Music	1	Electives	3
Science	3	World Language	1	Physical Education	2

**Cumulative Averages (Class of 2016)**

Grade point average, computed at the end of the sixth semester, includes all subjects with the exception of physical education and those courses in which only pass-fail grades are issued. Distribution of overall cumulative averages (weighted) for the Class of 2016 is as follows:

96 and above	20%		86-90	24%		76-80	8%		65-70	0%
91-95	32%		81-85	14%		71-75	2%		0-64	0%

**STUDENT ACHIEVEMENT****Points of Pride from 2015-2016:**

- 12 Academic Excellence Awards
- 4 National Merit Scholarship Finalists
- 2 National Hispanic Recognition Program Scholars
- 15 Commended Students in the National Merit Program
- 1 Finalist Coca-Cola Scholars Program
- 1 Semi Finalist in Intel Science Talent Search
- 1 APA Award Winner from the American Psychological Association
- 1 Finalist in New York State Science & Engineering Fair
- 2 Finalists in Long Island Science & Engineering Fair
- 1 Winner Intel International Science & Engineering Fair
- Toshiba ExploraVision National 2nd Place Winners
- 2 Semi Finalists Junior Science & Humanities Symposium
- 1 Long Island Scholar Artist Winner
- 2 Long Island Scholar Artist Merit Awards
- 1 News 12 Scholar Athlete Award
- 7 All-State Student Athletes
- 26 All-County Student Athletes
- NYSPHSAA Scholar Athlete Teams of Distinction
- 6 New York State DECA Honor Society Members

**Scholarship**

The Class of 2016 earned \$8,663,678 in scholarship awards.

**Post Secondary Education**

The Class of 2016 had 96% of its graduates enrolled in college, with 89% attending four-year colleges, and 7% attending two-year colleges.

## STUDENT ACHIEVEMENT

### National Merit Scholarship Program

Year	Winners	Special Winner	Finalists	Commended	Hispanic	Achieve
2016		1	4	15	2	
2015	2	1	3	16	1	
2014			1	15	4	
2013	4		1	14		
2012	1			13		

## ACADEMIC PROGRAM HIGHLIGHTS

### Research

The POBJFKHS Independent Research Program, recognized as one of the largest and most successful programs in the nation, is available to students beginning in their freshmen year. The program meets students' intellectual desire to explore science, behavioral, or math topics in an in-depth manner. Students learn lifelong skills through exploring high level peer reviewed sources, designing projects, conducting statistical analysis of data, making professional presentations, and writing comprehensive research papers. To develop their skills, underclassmen participate in various competitions such as the DuPont Challenge, Google Science Fair, and Toshiba ExploraVision. Upperclassmen conduct high level research under the supervision of university mentors or perform in-house behavioral studies, culminating with student participation in the Regeneron (formerly INTEL) Science Talent Search Competition, Siemens Math Science and Technology Competition and the INTEL Science and Engineering Fair.

### Advanced Placement Capstone Program

POBJFKHS is now a participating high school in the prestigious Advanced Placement Capstone Program. The program places emphasis on independent research, collaborative teamwork, and communication skills. The program uses the QUEST Framework as its foundation, developing skills in questioning and exploring, understanding and analyzing arguments, evaluating multiple perspectives, synthesizing ideas, and using teamwork to transform and transmit. For 2016/2017, the high school is offering students the initial course of the program, Advanced Placement Capstone Seminar, to tenth grade students as an English course and to eleventh and twelfth grade students as a Social Studies elective. Students that successfully complete the course have the option of taking Advanced Placement Capstone Research in future years (beginning during the 2017/2018 school year) to develop a year-long research topic culminating in an academic research paper, multimedia presentation and oral defense. Finally, students that receive a score of three or higher on both courses as well as a three or higher in four additional Advanced Placement courses qualify for an Advanced Placement Capstone Diploma.

### Science

In addition to the POBJFKHS Science Department offering an enriched curriculum with an emphasis on hands-on discovery based learning for all students, the department's electives expand on students' areas of interest and provide them with experiences to assist in choosing a career path. Specialized programs include Anatomy and Physiology, Aeronautics, Biotechnology/DNA Science, Criminalistics, Environmental Science, Health Related Careers, and Emergency Medical Technology (with students graduating the program as New York State licensed Emergency Medical Technicians).

### Mathematics Department

In addition to offering the full spectrum of courses to support and enrich our students in mathematics the department also offers courses that may be taken for college (Statistics and Calculus) and Advanced Placement (Calculus AB, Calculus BC, and Statistics) credit. We also offer a three-year sequence of Computer Science courses that culminates in AP Computer Science. Students successfully participate in competitions such as the MAA American Mathematics Competitions (AMC), Math Fairs, and Mathletes.

### **Social Studies and English Interdisciplinary Programs**

Students in grade twelve have the opportunity to experience Facing History and Ourselves, a nationally recognized and award-winning interdisciplinary course, designed to examine intolerance, racism, prejudice, and anti-Semitic behavior. The course focuses on the Holocaust and other acts of genocide as well as hate crimes today, examining how and why individuals and nations lose their moral direction. The course has a historical component and is complemented by the analysis of literature as well as primary and secondary texts.

### **World Languages**

A comprehensive program is offered, including the study of American Sign Language, Mandarin Chinese, Spanish, French and Italian. Students consistently achieve mastery in advanced coursework and excel on Advanced Placement exams. Study of the target language is enriched by cultural exploration both inside the classroom as well as through a wide array of co-curricular clubs and organizations.

### **Music Department**

Students participate in a comprehensive music program with a long history of excellence. Our school is represented in county, state, and national honors ensembles and has consistently performed at the highest levels of NYSSMA and other evaluation festivals. Our program features two concert bands, a string orchestra, a chamber orchestra, two choirs, two jazz ensembles, a marching band, and programs in guitar and music theory. Students are provided with opportunities to perform in similar instrumental chamber music groups, a cappella vocal groups, and a school musical.

### **Business Department**

Students are offered a wide variety of courses in the areas of Marketing, Accounting, Finance, Law and General Business, with five of the courses available for college credit. Boasting one of the largest DECA groups (an association of business students) in New York, with over 175 active members, many of our students compete and achieve great success in the annual DECA State and International Conferences. The Business Department has been recognized by New York state for our success teaching personal finance and financial literacy. Members of DECA provide a Financial Literacy and Career Exploration Program to our middle school students and our students routinely take high honors in the Nassau County Moot Court Competition.

### **Technology**

Students are offered opportunities to explore and expand their knowledge in all areas of traditional and modern industrial arts. Courses are conducted in subject-specific labs that support all aspects of hands-on discovery learning. Critical thinking and problem solving serve as the foundation for all of our courses (Engineering by Design, Architectural Design, Principles of Engineering, Robotics, Aeronautics, Design for Production, Media/Television Production and Computer Technology).

### **Visual Arts Program**

POBJFKHS students are offered a rich variety of courses, including a broad and competitive Accelerated and Advanced Placement Visual Arts Program, that is steeped in Art History, enhanced by state-of-the-art technology, and reflective of student needs. Students can elect a sequence in Photography, Computer Graphics, Drawing and Painting, Sculpture & Ceramics, Animation, Gaming, Website Design or Fashion Design. Outcomes focus on exhibition standards, creative thinking and problem-solving, scholarship, and career development.

### **Interscholastic Athletics**

Over four hundred student athletes participate on the forty-four varsity and junior varsity teams, providing students with the opportunity to grow and mature through physical exercise. One hundred percent of our athletic teams were recognized with NYSPHSAA Scholar-Athlete Team Awards in 2014-15, an honor awarded to teams composed of students with a combined grade point average of ninety or higher. The district athletic program was awarded the coveted NYSPHSAA Scholar Athlete Team School of Distinction award for the programs commitment to athletics and academics.

### **WPOB Radio Station / 88.5 FM Radio**

Through their work in the classroom, control room, and state-of-the-art studio, students learn all the vital aspects of radio. Students typically begin with a Radio Fundamentals course where they learn about the history of radio, move on to a Radio Production course, and then broadcast daily shows based on personal interest. Many of our WPOB graduates have reached huge success in various media outlets, attributing WPOB as the catalyst for their careers.

### **Special Library Collections**

The POBJFK Library houses the Holocaust-Genocide Center as well as a Women's Study Center.

### **Guidance and Counseling**

The Guidance and Counseling Center offers a developmentally comprehensive program for POBJFKHS students. Nassau Counselors' Association has awarded the department with two Exemplary Practice Awards for its unique programs. The first focused on the transition activities for incoming high school students known as "HS 101" which include an in-depth Peer Mentoring program. The second award recognized the annual College Tour as a unique multi-day experience offered to high school sophomores. Seniors are offered a variety of workshops and activities through the "College 101" transition program which addresses the social and emotional aspect of transition as well as College and Career Readiness.

## ADVANCED PLACEMENT PROGRAM

### AP Course Offerings

Plainview Old Bethpage John F. Kennedy High School offers a wide range of Advanced Placement courses in various subject areas. Enrollment in AP courses is open.

<b>Biology</b>	<b>Government and Politics-US</b>
<b>Calculus AB</b>	<b>Italian Language</b>
<b>Calculus BC</b>	<b>Music Theory</b>
<b>Capstone Seminar</b>	<b>Psychology</b>
<b>Chemistry</b>	<b>Physics 1</b>
<b>Computer Science</b>	<b>Physics C: Mechanics</b>
<b>Computer Science Principles</b>	<b>Physics C: Electricity &amp; Magnetism</b>
<b>Economics-Macro</b>	<b>Spanish Language</b>
<b>English Language and Composition</b>	<b>Statistics</b>
<b>English Literature and Composition</b>	<b>Studio Art: 2D Design &amp; Drawing</b>
<b>Environmental Science</b>	<b>United States History</b>
<b>French Language</b>	<b>World History</b>

### Advanced Placement Course Enrollment

Year	Students Participating	Exams Taken	Number in Class
<b>2015-2016</b>	<b>525</b>	<b>1331</b>	<b>387</b>
2014-2015	497	1256	372
2013-2014	446	1113	369
2012-2013	426	1042	412
2011-2012	398	937	374

### Advanced Placement Scholar Awards

Year	Scholar	Scholar Honor	Scholar Distinction	National Scholar	International Scholar
<b>2016</b>	<b>81</b>	<b>39</b>	<b>76</b>	<b>15</b>	<b>1</b>
2015	66	39	86	22	1
2014	63	37	48	15	
2013	63	34	63	13	
2012	64	31	54	12	

## College Testing

### SAT Reasoning: Average Scores

YEAR	<i>POBJFKHS</i>			<i>State</i>			<i>National</i>		
	CR	M	WR	CR	M	WR	CR	M	WR
2016	565	601	573	489	501	477	494	508	482
2015	556	590	554	489	502	478	495	511	484
2014	548	583	551	488	502	478	497	513	487
2013	545	581	549	485	501	477	496	514	488
2012	542	573	548	483	500	475	496	514	488

### SAT Subject Tests: Number of Test-Takers

YEAR	<i>POBJFKHS</i>		<i>State</i>		<i>National</i>	
	Number	% of SAT Takers	Number	% of SAT Takers	Number	% of SAT Takers
2016	119	36%	25,375	17%	237,576	15%
2015	125	37%	26,200	17%	241,429	14%
2014	88	26%	26,927	17%	248,089	15%
2013	132	36%	27,854	18%	251,304	15%
2012	98	28%	29,957	19%	265,096	16%

### ACT: Average Composite Scores

<i>YEAR</i>	<i>POBJFKHS</i>	<i>State</i>	<i>National</i>
2016	26.4	23.9	20.8
2015	26.1	23.7	21.0
2014	25.0	23.4	21.0
2013	24.8	23.4	20.9
2012	25.0	23.3	21.1

## Class of 2016: Colleges Attending

Adelphi University	McGill University	Syracuse University
Adelphi University— 7 Yr. BS/DO Program	Miami University-Oxford	Temple University
Alfred University	Michigan State University	Towson University
American University	Misericordia University	Tufts University
Bentley University	Molloy College	Tulane University
Boston University	Mount Saint Mary College	University of Alabama
Bucknell University	Nassau Community College	University of Arizona
Carnegie Mellon University	The College of New Jersey	University of California-Davis
Case Western Reserve University	The New School	University of California-Los Angeles
Coastal Carolina University	New York Institute of Technology	University of Chicago
Columbia University	New York University	University of Connecticut
Cornell University	Northeastern University	University of Delaware
CUNY Baruch College	The Ohio State University	University of Florida
CUNY City College	Pennsylvania State University	University of Georgia
CUNY Hunter College	Pratt Institute	University of Hartford
CUNY Kingsborough Community College	Quinnipiac University	University of Kansas
CUNY Queens College	Rensselaer Polytechnic Institute	University of Maryland
CUNY Queensborough Community College	Rochester Institute of Technology	University of Massachusetts-Amherst
Drexel University	The College of Saint Rose	University of Michigan
Duke University	San Diego University	University of Minnesota
East Stroudsburg University of Pennsylvania	Sacred Heart University	University of New Haven
Elon University	School of Visual Arts	University of North Carolina-Chapel Hill
Emerson University	St. John's University	University of Pennsylvania
Emory University	Stevens Institute of Technology	University of Pittsburgh
Florida Atlantic University	SUNY Albany	University of Rhode Island
Florida State University	SUNY Binghamton	University of South Florida-Tampa
Fordham University	SUNY Brockport	University of Tampa
Grinnell College	SUNY Buffalo	University of Texas-Austin
Harvard University	SUNY Buffalo State	University of Vermont
Hofstra University	SUNY Cortland	University of Wisconsin
Indiana University	SUNY Farmingdale	Ursinus College
Indiana University-South Bend	SUNY FIT	Vanderbilt University
Iona College	SUNY Fredonia	Vaughn College of Aeronautics
Ithaca College	SUNY Geneseo	Villanova University
Johnson & Wales University	SUNY Geneseo—7 Yr. BS/DO Program	Virginia Tech
Lafayette College	SUNY New Paltz	Washington University-St. Louis
La Roche College	SUNY Old Westbury	West Virginia University
Lehigh University	SUNY Oneonta	Worcester Polytechnic Institute
LIU Post	SUNY Oswego	
Manhattan College	SUNY Potsdam	
	SUNY Purchase	
	SUNY Stony Brook	
	SUNY Stony Brook—8 Yr. BS/DO Program	

### **District Administration**

Dr. Lorna R. Lewis-*Superintendent of Schools*

Ms. Jill M. Gierasch-*Deputy Superintendent*

Dr. Vincent Mulieri-*Assistant Superintendent for Human Resources*

Mr. Richard Cunningham-*Assistant Superintendent for Business*

### **Board of Education**

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