

Massapequa

High School



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Community Profile

Located on the famed south shore of Long Island, NY, approximately 25 miles east of New York City, Massapequa is the largest K-12 school system in Nassau County. Despite our size, Massapequa remains a close-knit community. Pride runs deep, as generations of residents look to stay in the community where they were raised. A significant number of residents are employed in the public safety, health care, education, finance, and public administration fields. Our residents are passionate about their schools, which shows in the support they give each year to our academic, athletic, and arts programs.

School District Profile

The district serves a population of over 7,000 students and is composed of six elementary schools, one middle school, and one high school, which opened in 1955 and has two campuses. Massapequa High School Main Campus has a 2017-2018 enrollment of close to 1,700 for grades 10-12, and the 9th grade Ames Campus has an enrollment of over 500 students.

A CLOSER LOOK AT THE CLASS OF 2017

Excellence in Education

68.5% earned Regents Diplomas with Advanced Designation.

46.8% of Advanced Diploma recipients earned this distinction with Honors. (Avg. of 90 or greater on all required state exams)

97.9% of graduates earned a Regents Diploma or higher.

24 Advanced Placement (AP) courses offered and over 30 additional courses that may be taken for college credit.

\$47.7 million was offered in college-based scholarships and grants.

Advanced Placement (AP) Program

1,509 AP exams administered school wide in 2017

Score of 3 or higher on 65% of all AP exams

Score of 4 or higher on 30% of all AP exams

264 Seniors enrolled in at least one AP Course during senior year (40% of graduating class)

SUBJECT	# OF STUDENTS	SUBJECT	# OF STUDENTS
Biology	96	German Language	17
Calculus AB.....	106	Physics 1+2	88
Calculus BC.....	51	Physics C	16
Chemistry.....	33	Psychology	1
Computer Science A.....	11	Spanish Language	28
Comp. Sci. Principles.....	9	Statistics	20
Economics: Macro	141	Studio Art - Drawing	21
English Language	109	US Gov't and Politics.....	141
English Literature	61	United States History.....	170
Environmental Science	16	World History.....	166
European History.....	15		
French Language.....	5		

THE COLLEGE BOARD SAT EXAMS - CLASS OF 2017

SAT Reasoning Test	SAT Subject Test	Mean	#Students
Number of Students Tested	Biology-Ecology	680	2
460 (76% of Class)	Biology-Molecular	627	3
	Chemistry	648	28
	English Literature	660	5
	French	597	3
Mean Scores:	Math Level I	617	14
Critical Reading	Math Level II	646	20
580	Physics	667	15
Mathematics	Spanish	580	6
570	U.S. History	672	21
	World History	651	9

ACT Exams - CLASS OF 2017

Number of Students Tested 391 (65% of Class)

Mean Scores:

English	23.4
Mathematics.....	24.0
Reading	24.6
Science	24.4
Composite	24.0

Post-High School Plans Class of 2017

Enrolled At:	% STUDENTS
Four-Year College	78.7%
Two-Year College	14.4%
Other Postsecondary	1.2%
Military.....	1.2%
Employment	4.5%

ACHIEVEMENTS AND CURRICULUM HIGHLIGHTS

GRADUATION REQUIREMENTS – CLASS OF 2018

All students are required to complete a minimum of 22 units of credit

Subject Area	Units
English.....	4
Social Studies.....	4
Science.....	3
Mathematics.....	3
Health.....	0.5
Art and/or Music.....	1
Electives.....	3
World Languages.....	1
Physical Education.....	2
Computer Technology.....	0.5
TOTAL.....	22.0

Cumulative GPA is based on a numeric system with a 100 point scale.

Grade Distribution for the Class of 2018

<u>Percentile Range</u>	<u>GPA Range</u>
10%	99.57 - 94.35
11% - 25%	94.28 - 91.31
26% - 50%	91.29 - 86.98
51% - 75%	86.94 - 81.22
76% - 100%	81.17 - 65.00

CLASS RANKING AND COURSE WEIGHTING POLICIES – CLASS OF 2018

It is the policy of the Board of Education that the practice of class rank has been eliminated. The practice of recognizing the class valedictorian and class salutatorian will continue. Final grades in AP courses, pre-AP courses, and college level courses are not revised upward at any time; however, 5 additional points are awarded toward the cumulative GPA for courses labeled AP and 3 additional points are awarded toward the cumulative GPA for courses labeled pre-AP, and College. All other courses receive no additional weighting toward the cumulative GPA. Physical Education courses and credits earned prior to attending the Massapequa School District are not factored into the cumulative GPA.

Indicators of Success

U.S. News and World Report 2016 "Top 500 public high schools"

Newsweek 2016 "America's Top High Schools"

24 Advanced Placement course offerings including AP Seminar as part of the AP Capstone program

Music program recognized as a "2016 Best Community for Music Education" and awarded NYSSMA "Presidential Citation"

Winner of the 2014 New York State Sportswriters Association's "Kerr Cup" All-Sport Championship

Extensive World Languages program that includes Spanish, French, German, Italian, Mandarin, and ASL

COURSE OFFERINGS

ENGLISH

A traditional 9-12 program is offered that focuses on reading, writing, speaking, listening and critical analysis. In addition, special electives are offered.

Courses:
English 9, 10, 11, and 12
Pre-Advanced Placement 9
Pre-Advanced Placement 10

Electives:
Humanities
Broadcast Journalism
Creative Writing/Journalism
Ethics/Philosophy
Public Speaking
Theatre Arts I, II
Writing for College/Career
Monsters in Print and Film
Graphic Novels

Advanced Placement Courses:
AP Seminar
AP Research
AP English Language and Composition (11th grade)
AP English Literature and Composition (12th grade)

College-Level Courses:
(LIU - Post)
English Composition
Film Studies

SCIENCE

Students are offered a rigorous curriculum and opportunities to publish their scientific research at professional conferences across the United States through our Science Research Program. This course offering reinforces New York State Regents standards by emphasizing critical thinking and the integration of math, science and technology in a project-oriented research environment.

Laboratory Courses
Living Environment Accelerated
Living Environment Regents
Earth Science Accelerated
Earth Science Regents
Chemistry Regents & Applied Chemistry
Physics Regents & Applied Physics

Electives:
Environmental Science
Anatomy and Physiology
Contemporary Issues in Science
Astronomy I & II
Forensic Science Microbiology
Marine Science
Science Research Program

Advanced Placement Courses
AP Biology
AP Chemistry
AP Physics 1 and 2
AP Environmental Science

College-Level Courses:
College Oceanography (SUNY Stony Brook)
College Anatomy & Physiology (LIU - Post)
College Forensic Technology (LIU - Post)

WORLD LANGUAGES

Language courses focus on communicative proficiency and are offered at the Advanced Placement level, with a comprehensive exam given at the end of Level 3.

Courses include:
French (five years - Accelerated and Regents)
German (five years - Accelerated and Regents)
Mandarin Chinese (five years - Accelerated and Regents)
Spanish (five years - Accelerated and Regents)
American Sign Language I, II, III
Italian I, II, III

Advanced Placement Courses:
AP French, AP German, AP Mandarin, and AP Spanish

College-Level Courses (St. John's University) French, German, Italian, Mandarin, Spanish, and ASL

MATHEMATICS

An integrated approach to math is used in combining topics from algebra, geometry, trigonometry, logic, probability, and statistics.

Courses:
Algebra 1 Accelerated
Algebra 1
Geometry Accelerated
Geometry
Algebra 2 Accelerated
Algebra 2
Intermediate Algebra
Pre-Calculus AB Accelerated
Pre-Calculus BC Accelerated
Pre-College Algebra
Mathematics Applications in Business

Electives:
Computer Programming I, II
Computer Programming (JAVA)

Advanced Placement Courses:
AP Calculus AB
AP Calculus BC
AP Computer Science A
AP Computer Science Principles
AP Statistics

College-Level Courses:
College Algebra and Trigonometry (Molloy College)
College Pre-Calculus (Molloy College)
College Calculus (Molloy College)
College Statistics (St. John's U.)

SOCIAL STUDIES

A comprehensive program is offered to all students in grades 9-12.

Courses:
Global History Grades 9 & 10
Pre-Advanced Placement SS Grade 9
US History and Government Grade 11
Economics and Government Grade 12

Electives:
Sports in American Culture
Introduction to Law I, II, & III
Psychology
Navigating New York City

Advanced Placement Courses:
AP World History
AP United States History
AP European History
AP Economics (Macro)
AP Government (US)

College-Level Courses:
College Psychology (LIU - Post)
College Sociology (St. John's U.)
Intro. to Criminal Justice (LIU - Post)

ELECTIVES

ART, including Advanced Placement (AP) Studio in Art and college level courses in Digital Illustration and 3-Dimensional Imaging. (LIU - Post)

MUSIC, including Music Theory I, Advanced Placement (AP) Music Theory, A Cappella Choir, Orchestra, Symphonic Band, Wind Ensemble and college-level courses in Music History. (LIU - Post)
Additional Performance Opportunities: Marching Band, Treble Singers, Chamber Orchestra, Chamber Singers, and Jazz Ensemble.

BUSINESS, including college-level courses in Introduction to Business, Financial Accounting, Marketing, and Business Law, and Virtual Enterprise. (SUNY Farmingdale)

TECHNOLOGY, including Personal Computer Applications, Power and Energy Applications, Transportation Systems, Video Game Design and college level courses in Principles of Engineering, Computer-Aided Design, Product Design & Eng. (Robotics), and Digital Photography. (SUNY Farmingdale)

FAMILY AND CONSUMER SCIENCE including Parenting and Child Development, Child Study Internship, and various culinary courses.

PHYSICAL EDUCATION including College Introduction to Sports Medicine. (Adelphi U.)

CLASS OF 2017

PARTIAL LIST OF COLLEGES ATTENDING

Arizona State University	New York University
Bard College	Northeastern University
Binghamton University	University of Oregon
Boston College	Pennsylvania State University
Boston University	Purdue University
University of California, Berkeley	Quinnipiac University
The Catholic University of America	Rensselaer Polytechnic Institute
Centre College	University of Rhode Island
University of Colorado at Boulder	Rochester Institute of Technology
University of Connecticut	Roger Williams University
Cornell University	Sacred Heart University
CUNY Macaulay Honors College	San Diego State University
University of Delaware	Seton Hall University
Drexel University	Siena College
Duquesne University	University of South Carolina
Embry-Riddle Aeronautical University	Stevens Institute of Technology
Florida State University	Stony Brook University
University of Florida	SUNY College at Geneseo
Fordham University	Susquehanna University
The George Washington University	Syracuse University
Georgetown University	Temple University
Georgia Institute of Technology	The Ohio State University
University of Illinois, Urbana-Champaign	Tulane University
James Madison University	United States Military Academy
Lafayette College	Villanova University
Loyola University Maryland	Virginia Polytechnic Institute
Marist College	Washington and Lee University
University of Maine, Orono	Washington University in St. Louis
University of Maryland, College Park	College of William and Mary
University of Massachusetts, Amherst	University of Wisconsin, Madison
University of Miami	York College of Pennsylvania

Students from the Class of 2017 are attending 147 colleges and universities across 27 states and Washington D.C.

MASSAPEQUA HIGH SCHOOL
MAIN CAMPUS (10- 12)
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ADMINISTRATION

Patrick DiClemente, *Principal*
Executive Assistants
Déjà Berry
Michael Quigley
Deans of Students
Patricia LiVecchi
Kenneth Wing

GUIDANCE DEPARTMENT

Paul J. Weber, *Executive Asst. for Guidance*

COUNSELORS

Hilary Blakeley
Allison Fifield
Matthew McCauley
Marianne McCormick
Tracy Munson
Colleen Parkes
Victoria Rimbart
Jeanine Steinmetz
Eileen Tilton

DISTRICT ADMINISTRATION

Lucille F. Iconis, *Superintendent*
Alan C. Adcock, *Deputy Superintendent*
Thomas J. Fasano, Ed.D., *Assistant Superintendent for Curriculum & Instruction*
Diana Haanraads, *Asst. to the Superintendent for Instructional Services & General Admin.*
Robert Schilling, *Asst. to the Superintendent for Human Resources & General Admin.*
Jean Castelli, *Asst. to the Superintendent for Special Education & Student Support Services*
Bryan Piotrowski, *Executive Director Technology & General Administration*

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