

Massapequa

High School



4925 Merrick Road, Massapequa, NY 11758 (P)516-308-5930 (F)516-308-5939 www.msdk12.ny.us

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 close to 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 2019-2020 enrollment of 1,652 for grades 10-12, and the 9th grade Ames Campus has an enrollment of 473 students.

A CLOSER LOOK AT THE CLASS OF 2019

Excellence in Education

- 97.4% of graduates earned a Regents Diploma or higher
- 69.1% earned Regents Diplomas with Advanced Designation
- 34.1% of Advanced Diploma recipients earned this distinction with Honors. (Avg. of 90 or greater on all required state exams)
- 25 Advanced Placement (AP) courses offered and over 30 dual enrollment courses for college credit
- \$46.4 million was offered in college-based scholarships and grants

Advanced Placement (AP) Program

- 1,363 AP exams administered school wide in 2019
- *Score of 3 or higher on 71% of all AP exams*
- *Score of 4 or higher on 36% of all AP exams*
- 232 Seniors enrolled in at least one AP Course during senior year (44% of graduating class)

SUBJECT	# OF STUDENTS	SUBJECT	# OF STUDENTS
Biology	62	Mandarin Chinese Language...	11
Calculus AB.....	93	Physics 1 and 2	63
Calculus BC.....	38	Physics C.....	14
Chemistry.....	36	Psychology	1
Computer Science A.....	10	Research.....	78
Comp. Sci. Principles.....	13	Seminar.....	97
Economics: Macro+Micro.....	91	Spanish Language	22
English Language	73	Statistics	11
English Literature	27	Studio Art – Drawing	20
Environmental Science	15	US Gov't and Comp Gov't.....	57
European History.....	26	United States History.....	124
French Language.....	5	World History.....	151
German Language	11		

THE COLLEGE BOARD SAT EXAMS - CLASS OF 2019

SAT Reasoning Test	SAT Subject Test	Mean	#Students
Number of Students Tested	Biology-Ecology	690	1
466 (88% of Class)	Biology-Molecular	707	3
	Chemistry	692	20
	English Literature	624	5
	Math Level I	636	5
Mean Scores:	Math Level II	679	21
EBRW	Physics	673	15
Mathematics	Spanish	600	2
604	U.S. History	637	10
Total	World History	655	8
1189			

ACT Exams - CLASS OF 2019

Number of Students Tested 274 (52% of Class)

Mean Scores:

English	23.5
Mathematics.....	24.2
Reading	24.9
Science	24.5
Composite	24.2

Post-High School Activity Class of 2019

Enrolled At:	% STUDENTS
Four-Year College.....	80%
Two-Year College.....	13%
Other Postsecondary.....	3%
Employment.....	3%
Military.....	1%

ACHIEVEMENTS AND CURRICULUM HIGHLIGHTS

GRADUATION REQUIREMENTS – CLASS OF 2020

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 2020

<u>Percentile Range</u>	<u>GPA Range</u>
10%	100.13 - 95.40
11% - 25%	95.36 - 92.41
26% - 50%	92.35 - 88.53
51% - 75%	88.52 - 82.91
76% - 100%	82.90 - 65.00

CLASS RANKING, COURSE WEIGHTING, AND GRADE CALCULATION POLICIES

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.

*Massapequa High School applies a set formula to calculate final averages in all coursework. **Integrity in the grading process is maintained by not permitting the exclusion of final or "Regents" exam scores from the final course average.** Final or "Regents" exams account for 12% of a student's final course average. Midterm exams account for 8% of a student's final course average. This grading policy provides consistency and equity across all courses and disciplines throughout the high school academic experience. The application of this grading policy is not optional.*



Indicators of Success

2017 National Blue Ribbon School

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

Newsweek 2016 "America's Top High Schools"

25 Advanced Placement course offerings including AP Seminar and AP Research as part of the AP Capstone program

Recipient of the 2017 "James E. Allen Distinguished Foreign Language Program Award" in New York State

Music program recognized as a "2017 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

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

Advanced Placement Courses:

AP Seminar
AP Research
AP English Language and Composition
AP English Literature and Composition

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

College-Level Courses:

English Composition
Film Studies
(LIU - Post)

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

Advanced Placement Courses

AP Biology
AP Chemistry
AP Physics 1 and 2
AP Physics C
AP Environmental Science

College-Level Courses:

College Oceanography
(SUNY Stony Brook)
College Anatomy & Physiology
(LIU - Post)
College Forensic Technology
(LIU - Post)
Engineering Methods
(Hofstra University)

Electives:

Environmental Science
Anatomy and Physiology
Astronomy I & II
Forensic Science
Microbiology
Marine Science
Science Research Program

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:

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

Advanced Placement Courses:

AP French, AP German, AP Mandarin, and AP Spanish

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

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
Advanced Algebra
Pre-Calculus AB Accelerated
Pre-Calculus BC Accelerated
Pre-College Algebra
Mathematics Applications in Business

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.)

Electives:

Computer Programming I, II
Computer Programming (JAVA)

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

Advanced Placement Courses:

AP World History
AP United States History
AP European History
AP Economics (Macro and Micro)
AP Government (US and Comparative)

Electives:

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

College-Level Courses:

College Economics (St. John's U.)
College Government (St. John's U.)
College Psychology (LIU - Post)
College Sociology (Molloy)
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, and Wind Ensemble. (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, 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 Dev., College Children in Families (SUNY Oneonta), and various culinary courses.

PHYSICAL EDUCATION AND HEALTH, including College Introduction to Sports Medicine. (Adelphi U.) and Interpersonal Relations.

CLASS OF 2019

PARTIAL LIST OF COLLEGES ATTENDING

Adelphi University
Arizona State University
Auburn University
Bentley University
Binghamton University
Boston Conservatory at Berklee
Brandeis University
Brown University
Bryant University
Clemson University
Cornell University
Drexel University
Duke University
Elon University
Fairfield University
Florida State University
Georgetown University
Harvard College
Indiana U. at Bloomington
Ithaca College
James Madison University
Lafayette College
Loyola University Maryland
Marist College
New York University
Northeastern University
Pennsylvania State University
Quinnipiac University
Rensselaer Polytechnic Institute
Rochester Institute of Tech.

Sacred Heart University
Siena College
Skidmore College
Stevens Institute of Technology
SUNY College at Geneseo
Temple University
The George Washington U.
The Ohio State University
Towson University
Tulane University
U.S. Coast Guard Academy
University of Alabama
University of Colorado at Boulder
University of Delaware
University of Florida
University of Kansas
University of Maryland
University of Miami
University of Michigan
U. of North Carolina at Chapel Hill
University of Oregon
University of Rhode Island
University of Richmond
University of South Carolina
University of Vermont
Virginia Commonwealth U.
Virginia Tech
Wagner College
Wellesley College
West Virginia University

Students from the Class of 2019 are attending 141 colleges and universities across 27 states and Washington D.C.

MASSAPEQUA HIGH SCHOOL
MAIN CAMPUS (10– 12)
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ADMINISTRATION

Brian L. Conboy, *Principal*
Executive Assistants
Déjà Berry
Michael Quigley
Deans of Students
John Musmacker
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 Rimbort
Jeanine Steinmetz
Eileen Tilton

DISTRICT ADMINISTRATION

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Alan C. Adcock, *Deputy Superintendent*
Dr. Thomas J. Fasano, *Assistant Superintendent for Curriculum & Instruction*
Diana Haanraadts, *Asst. to the Superintendent for Instructional Support & General Admin.*
Robert Schilling, *Asst. to the Superintendent for Human Resources & General Admin.*
Dr. Jordan McCaw, *Executive Director for Pupil Personnel Services*
Bryan Piotrowski, *Executive Director for Technology & General Administration*
Lisa Silveri, *Administrative Associate General Administration*

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