

# 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 over 6,500 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 2022-2023 enrollment of over 1,450 for grades 10-12. The 9th grade Ames Campus has an enrollment close to 450 students.

## A CLOSER LOOK AT THE CLASS OF 2022

### *Excellence in Education*

- 100% of graduates earned a Regents Diploma or higher
- 74.2% earned Regents Diplomas with Advanced Designation
- 50.9% of Advanced Diploma recipients earned this distinction with Honors. (Avg. of 90 or greater on all required state exams)
- 28 Advanced Placement (AP) courses offered and over 30 dual enrollment courses for college credit
- Over \$40 million offered in college-based scholarships and grants

### *Advanced Placement (AP) Program*

**1,302 AP exams administered school wide in 2022**  
*\*Score of 3 or higher on 70% of all AP exams\**  
*\*Score of 4 or higher on 35% of all AP exams\**  
 233 Seniors enrolled in at least one AP Course during high school (46% of graduating class)

SUBJECT	# OF STUDENTS	SUBJECT	# OF STUDENTS
Biology .....	62	German Language .....	8
Calculus AB.....	89	Mandarin Chinese Language.....	9
Calculus BC.....	29	Physics 1 and 2 .....	88
Chemistry.....	39	Physics C.....	9
Computer Science A.....	10	Research.....	35
Comp. Sci. Principles.....	10	Seminar.....	82
Economics: Macro.....	66	Spanish Language .....	23
Economics: Micro.....	66	Statistics .....	9
English Language .....	100	Studio Art – Drawing .....	10
English Literature .....	29	US Gov't and Comp Gov't.....	75
Environmental Science .....	8	United States History.....	126
European History.....	22	World History.....	177
French Language.....	10	2-D and 3-D Art and Des.....	27

### THE COLLEGE BOARD SAT EXAMS - CLASS OF 2022

**SAT Reasoning Test**  
**Number of Students Tested:**  
 417 (82% of Class)

*Mean Scores:*

EBRW .....	567
Mathematics .....	580
Total .....	1147

### ACT Exams - CLASS OF 2022

**Number of Students Tested: 110 (22% of Class)**

*Mean Scores:*

English.....	24.1
Mathematics.....	24.8
Reading .....	25.2
Science .....	24.9
Composite .....	24.8

### *Post-High School Activity* *Class of 2022*

<i>Enrolled At:</i>	<i>% STUDENTS</i>
Four-Year College.....	84.1%
Two-Year College.....	8.6%
Other Postsecondary.....	1.8%
Employment.....	4.7%
Military.....	0.8%

# ACHIEVEMENTS AND CURRICULUM HIGHLIGHTS

## GRADUATION REQUIREMENTS – CLASS OF 2023

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
<b>TOTAL.....</b>	<b>22.0</b>

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

### Grade Distribution for the Class of 2023

<u>Percentile Range</u>	<u>GPA Range</u>
10%	101.96 - 98.08
11% - 25%	98.06 - 95.55
26% - 50%	95.52 - 90.90
51% - 75%	90.87 - 85.26
76% - 100%	85.23 - 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"

28 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 by NAMM as a "2022 Best Community for Music Education"

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  
Theatre Arts I, II  
Monsters in Print and Film  
Graphic Novels

### College-Level Courses:

College Composition  
College Film Studies  
College Public Speaking  
(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

### Electives:

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

### College-Level Courses:

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

## 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 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 Human Geography  
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)  
College 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, 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 College Children in Families (SUNY Oneonta), College Art of Baking/College Creative Foods (SUNY Cobleskill) and various culinary courses.

**PHYSICAL EDUCATION AND HEALTH**, including College Intro to Sports Medicine. (Adelphi U.) Intro to Health Professions, and Go Green.

# CLASS OF 2022

## PARTIAL LIST OF COLLEGES ATTENDING

Arizona State University  
Bates College  
Binghamton University  
Boston University  
Clarkson University  
Clemson University  
College of the Holy Cross  
Cornell University  
Elon University  
Embry-Riddle Aeronautical U.  
Fairfield University  
Florida State University  
Georgia Institute of Tech  
High Point University  
Indiana University  
James Madison University  
Lafayette College  
Louisiana State University  
Marist College  
New York University  
North Carolina State University  
Northeastern University  
Ohio State University  
Pennsylvania State University  
Providence College  
Quinnipiac University  
Rensselaer Polytechnic Institute  
Rochester Institute of Technology  
Rutgers University  
Sacred Heart University

Savannah College of Art & Design  
SUNY College at Geneseo  
Syracuse University  
Temple University  
The University of Alabama  
The University of Tampa  
Towson University  
US Coast Guard Academy  
US Merchant Marine Academy  
University of California-Irvine  
University of Chicago  
University of Connecticut  
University of Delaware  
University of Florida  
University of Georgia  
University of Illinois  
University of Kentucky  
University of Massachusetts  
University of Miami  
University of Michigan  
University of Mississippi  
University of New Hampshire  
University of Rhode Island  
University of Richmond  
University of Rochester  
University of South Carolina  
University of Vermont  
University of Wisconsin  
Villanova University  
Virginia Polytechnic Institute

*Students from the Class of 2022 are attending 134 colleges and universities across 28 states and Washington D.C.*

MASSAPEQUA HIGH SCHOOL  
MAIN CAMPUS (10– 12)  
4925 Merrick Road  
Massapequa, New York 11758  
Phone: 516.308.5900  
Guidance: 516.308.5930  
Fax: 516.308.5939

ADMINISTRATION  
Barbara J. Lowell, *Principal*  
Executive Assistants  
Déjà Murphy  
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

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### DISTRICT ADMINISTRATION

Dr. William Brennan, *Superintendent*  
Dr. Thomas J. Fasano, *Asst. Superintendent for Curriculum & Instruction*  
Diana Haanraadts, *Asst. to the Superintendent for Instructional Support & General Admin.*  
Robert Schilling, *Asst. Superintendent for Human Resources & General Admin.*  
Dr. Jordan McCaw, *Asst. Superintendent for Pupil Personnel Services*  
Lisa Silveri, *Executive Director for Business and Operations*  
Bryan R. Piotrowski, *Executive Director for Technology & General Administration*

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### BOARD OF EDUCATION

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