WEST MORRIS MENDHAM HIGH SCHOOL
65 EAST MAIN STREET
MENDHAM, NEW JERSEY 07945

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PROFILE

Administration	Counselors
Superintendent of Schools: Dr. Barbara Sargent **Principal:** Mr. Steve Ryan **Assistant Principals:** Mr. Mo Abdelaziz, Mrs. Anne Meagher **Director of School Counseling:** Mr. Matthew Ferreri	Ms. Kara Angelastro, kangelastro@wmrhsd.org, x4440 Ms. Alison Cassera, acassera@wmrhsd.org, x4455 Mrs. Melissa Hart, mhart@wmrhsd.org, x4435 Ms. Kylie Baxter, kbaxter@wmrhsd.org, x4415 Mrs. Hillary Milner, hmilner@wmrhsd.org, x4430 Mr. John Langan, jlangan@wmrhsd.org, x4465

West Morris Mendham High School, one of two high schools in the West Morris Regional High School District, was among the first public high schools in New Jersey to offer the *International Baccalaureate Diploma Programme*. Additionally, West Morris Regional is the only district in New Jersey offering the *International Baccalaureate Career Programme.*

Consistently ranked as one of the top high schools in New Jersey and the nation across a variety of media outlets, Mendham High School has earned recognition on *The College Board's AP Honor Roll*, and has been designated as having a *Model World Language Program* by the New Jersey Department of Education.

SCHOOL/COMMUNITY

Serving grades 9–12, we are a college preparatory institution for residents of Mendham and Chester, semi-rural communities with a mix of upper-middle class to high-income families. The program of studies features a wide range of International Baccalaureate and Advanced Placement offerings. Current enrollment for the 2024-2025 school year is 1020 students.

CURRICULUM

West Morris Mendham offers a four-year comprehensive program that includes a wide range of elective courses. Within our academic offerings we strive to cultivate and assess the development of those attributes articulated in the IB Learner Profile. These traits include being knowledgeable, principled, open-minded, caring, balanced and reflective while actively thinking, inquiring, communicating and taking risks. Critically evaluating information and its sources and utilizing relevant data to solve problems and articulate those solutions in writing and oral argument is a recurring exercise in our coursework.

DUAL ENROLLMENT COURSES

West Morris Mendham High School partners with Seton Hall University and Fairleigh Dickinson University to provide Dual Enrollment opportunities for the following courses: Art 1 IB, Art 2 IB, Biology AP and IB-HL, Sports, Exercise & Health Science IB, Business and Management, Chemistry AP, Theatre 1, Economics IB/AV,Environmental Science AP, European History AP, US Government and Politics AP, Physics C AP, Physics 2 IB, Physics 1 IB/AP, Psychology IB, Research Methods in Psychology IB-HL.

INTERNATIONAL BACCALAUREATE (IB)

This internationally-monitored curriculum challenges our most ambitious learners. The IB Diploma, widely accepted as the finest secondary program available, is awarded upon completion of a rigorous scholarly regimen comprising the Theory of Knowledge Course and an extended essay investigation, demonstrated mastery on internationally evaluated written and oral examinations, and the execution of a creativity-action-service project.

The IB Career-Related Programme is a two year framework incorporating IB principles across a curriculum tailored to career related study. The program includes two IB classes, career pathway coursework, and the following components of the IB core: the Personal & Professional Skills class, a service learning experience, a Language Development Portfolio, and a Senior Reflective Research Project.

GRADUATION REQUIREMENTS

To earn a West Morris Regional High School District diploma, a student shall be required to:

- Satisfactorily complete 120 credits of course work
- Satisfactorily meet departmental/discipline requirements: English (20 credits), Social Studies (15 credits), Mathematics (15 credits), Science (15 credits), Physical Education/Health (All years), World Language (10 credits) Visual & Performing Arts (5 credits), Career/Consumer/Family/Life Skills (5 credits), Financial/Economic Literacy (2.5 credits)
- Achieve baseline proficiency in any NJ state approved standardized test (ACT, NJGPA, PSAT)

ACADEMIC ACHIEVEMENTS – CLASS OF 2024

POST-SECONDARY PLANS			
	2024	**2023**	**2022**
Class Size	255	289	281
Four-Year College/University	91%	91%	90%
Two-Year College	6%	5%	5%

SAT SCORES - Class of 2024				
	Mean	75th %	# Tested	NJ Mean
EBRW	612	680	184	543
MATH	622	680	184	537

ACT SCORES - Class of 2024				
	Mean	75th %	# Tested	NJ Mean
Composite	26.5	31	69	24.6

AP Performance				
Year	Total AP Students	# of Exams	AP Students with Score 3+	% Total AP Students with Score 3+
2024	339	696	309	91.42%
2023	335	644	264	78.81%
2022	301	556	245	81.4%

IB Diploma Programme			
	2024	2023	2022
# of Candidates	29	40	27
% of Class	11%	13%	9.61%
% Earning Diploma	97%	90%	93%

IB Career-Related Programme			
	2024	2023	2022
# of Candidates	44	70	49
% of Class	17%	24%	17%
% Earning Diploma	93%	91%	96%

ACADEMIC RECOGNITION

National Merit Finalists……..…1
National Merit Semi-Finalists……1
National Merit Commended…..……..…….....8
IB Diplomas…….…..…....28
IBCP Recipients……44
AP Scholars……..…..……...61
SAT Perfect Section Score (800).....2

CLASS RANK

Mendham High School does not report class rank. Class rank can be computed for the purposes of scholarships or military academy nominations.

Grading Scale	
A+ **A** **A-**	100.0-97.0 96.99-93.0 92.99-90.0
B+ **B** **B-**	89.99-87.0 86.99-83.0 82.99-80.0
C+ **C** **C-**	79.99-77.0 76.99-73.0 72.99-70.0
D+ **D** **D-**	69.99-67.0 66.99-63.0 62.99-60.0
F	59.99-0

AU = Audit
IC = Incomplete
P = Pass
WDP = Withdrawn Pass
WDF = Withdrawn Fail
ME = Medical Excuse

Course Level Codes:
IB = International Baccalaureate
AP = Advanced Placement
HN = Honors
ADV/AV = Advanced
AC/ACD = Academic
ST/STUD = Basic/Fundamental/Studies

The following course weight factors shall be assigned to the specific course levels:

IB/AP/Honors	2.1	Academic	1.5
Advanced	1.7	Studies	1.4

2024 Advanced Placement Results

Subject	Students Tested	% Scoring 3 or higher	Average
Biology	23	78%	3.2
Calc AB Subs	34	85%	4.2
Calc BC	34	79%	4.0
Chemistry	25	84%	3.3
Comp Gov Pol	1	100%	3.0
Computer Science A	2	50%	3.0
Computer Science Principles	20	100%	4.0
English Lit. & Comp.	33	91%	3.7
English Lang. & Comp.	115	83%	3.4
Environmental Science	70	67%	3.0
European History	13	92%	3.5
French Lang	2	100%	4.0
Micro Econ	2	50%	3.5
Physics 1	67	63%	2.9
Physics C: Electricity & Magnetism	9	22%	1.9
Physics C: Mechanics	10	90%	3.6
Precalculus	1	100%	3.0
Psychology	3	100%	4.3
Spanish Language	3	100%	4.7
Statistics	41	83%	3.6
United States Govt. & Politics	21	100%	4.6
United States History	95	99%	3.9
World History: Modern	107	96%	4.2

2024 International Baccalaureate Results

Exam	# Candidates	Average Grade (School)	Average Grade (World Wide)	Highest Grade	Lowest Grade
ENGLISH A: Literature HL	56	4.82	4.55	6	3
ENGLISH A: Literature SL	9	4.44	4.98	5	4
CHINESE B - MANDARIN SL	2	4.5	5.68	5	4
FRENCH B HL	2	3.5	5.3	4	3
FRENCH B SL	1	4	5.1	4	4
GERMAN B SL	1	7	5.11	7	7
MANDARIN AB. SL	2	5.5	5.15	6	5
SPANISH AB SL	2	4.5	4.9	5	4
SPANISH B HL	8	4.88	5.22	7	4
SPANISH B SL	13	4.54	4.92	6	4
BUSINESS MANAGEMENT HL ENGLISH	7	4.71	4.93	6	4
BUSINESS MANAGEMENT SL ENGLISH	18	4.83	4.9	7	3
ECONOMICS HL ENGLISH	1	6	5.13	6	6
ECONOMICS SL ENGLISH	13	4.69	4.81	6	2
ENV. AND SOC. SL ENGLISH	11	4.64	4.18	5	4
HISTORY SL ENGLISH	9	5.11	4.7	6	5
HISTORY EUROPE HL ENGLISH	15	4.73	4.88	6	4
PSYCHOLOGY HL ENGLISH	12	5.33	4.74	6	5
PSYCHOLOGY SL ENGLISH	7	4.86	4.42	6	4
BIOLOGY HL ENGLISH	6	4.5	4.42	6	3
BIOLOGY SL ENGLISH	6	5.17	4.19	7	3
CHEMISTRY SL ENGLISH	1	4	4.24	4	4
COMPUTER SC. SL ENGLISH	3	4.33	4.16	5	4
DESIGN TECH. SL ENGLISH	2	4.5	4.02	5	4
PHYSICS HL ENGLISH	9	3.67	4.86	6	3
PHYSICS SL ENGLISH	3	4	4.24	6	3
SPORTS EX SCI SL ENGLISH	6	5.17	3.91	6	4
MATH ANALYSIS & APPROACHES HL	30	3.93	4.87	6	2
MATH ANALYSIS & APPROACHES SL	9	3.56	4.55	4	3
MATH APPLICATIONS & INTERP HL	11	4.09	4.41	6	2
MATH APPLICATIONS & INTERP SL	11	2.91	3.92	5	2
FILM HL ENGLISH	2	4	4.47	4	4
MUSIC SL ENGLISH	1	5	4.28	5	5
THEATRE HL ENGLISH	2	4.5	5.01	5	4
VISUAL ARTS HL ENGLISH	2	5	4.26	5	5

COLLEGE SUMMARY 2022-2024

The following institutions *accepted* West Morris Mendham graduates:

Adelphi University
Albright College
American University
Amherst College
Appalachian State University
Arizona State University-Tempe
Auburn University
Babson College
Barnard College
Bates College
Baylor University
Belmont University
Bentley University
Berklee College of Music
Binghamton University
Boston College
Boston University
Bowdoin College
Brigham Young University-Idaho
Brown University
Bryant University
Bryn Mawr College
Bucknell University
Butler University
California Institute of Technology
Carnegie Mellon University
Case Western Reserve University
Christopher Newport University
CUNY John Jay College of Criminal Justice
Clark University
Clarkson University
Clemson University
Coastal Carolina University
Colby College
Colgate University
College of Charleston
College of the Holy Cross
Colorado College
Colorado State University-Fort Collins
Columbia University New York
Connecticut College
Cornell University
County College of Morris
Dartmouth College
Denison University
DePaul University
Dickinson College
Drew University
Drexel University
Duke University
Duquesne University
East Carolina University
Elon University
Embry-Riddle Aeronautical University
Emerson College
Emmanuel College
Emory University
Endicott College
Fairfield University
Fairleigh Dickinson University
Flagler College
Florida Atlantic University
Florida Gulf Coast University
Florida Institute of Technology
Florida State University
Fordham University
Franklin and Marshall College
Furman University
George Mason University
Georgetown University
Georgia Institute of Technology
Gettysburg College
Goucher College
Grinnell College
Hamilton College
Hartwick College
Haverford College
High Point University
Hobart William Smith Colleges
Hofstra University
Indiana University-Bloomington
Iona University
Ithaca College
James Madison University
Johns Hopkins University
Johnson & Wales University
Kean University
Kent State University
Lafayette College
Lawrence University
Lehigh University
Liberty University
Lipscomb University
Louisiana State University
Loyola Marymount University
Loyola University Chicago
Loyola University Maryland
Lycoming College
Lynn University
Manhattan College
Marist College
Marquette University
Marymount Manhattan College
Massachusetts Institute of Tech.
McGill University
Mercyhurst University
Miami University-Oxford
Michigan State University
Monmouth University
Montclair State University
Moravian University
Muhlenberg College
Murray State University
Nazareth University
New Jersey Institute of Technology
New York Institute of Technology
New York University
North Carolina State Univ. at Raleigh
Northeastern University
Northwestern University
Oberlin College
Ohio State University-Main Campus
Ohio University-Main Campus
Oklahoma State University
Old Dominion University
Oregon State University
Pace University
Pennsylvania State University
Pepperdine University
Pomona College
Pratt Institute-Main
Princeton University
Providence College
Purchase College
Purdue University
Quinnipiac University
Ramapo College of New Jersey
Rensselaer Polytechnic Institute
Rice University
Rider University
Roanoke College
Rochester Institute of Technology
Roger Williams University
Rollins College
Rowan University
Rutgers University-Camden
Rutgers University-New Brunswick
Rutgers University-Newark
Sacred Heart University
Saint Bonaventure University
Saint Joseph's University
Salisbury University
Salve Regina University
San Diego State University
Santa Clara University
Savannah College of Art & Design
School of the Art Institute of Chicago
Seton Hall University
Siena College
Skidmore College
Southern Methodist University
St. John's University-New York
Stevens Institute of Technology
Stevenson University
Stockton University
Stonehill College
Stony Brook University
Suffolk University
SUNY College of Envir. Sci. & Forestry
SUNY Cortland
SUNY Maritime College
SUNY New Paltz
SUNY Oneonta
Susquehanna University
Swarthmore College
Syracuse University
Temple University
Texas A & M University
Texas Christian University
The Catholic University of America
The College of New Jersey
The George Washington University
The University of Alabama
The University of British Columbia
The University of Tampa
The University of Tennessee
The University of Texas at Austin
The University of Western Ontario
Thomas Jefferson University
Towson University
Trine University
Trinity College
Trinity College Dublin
Tufts University
Tulane University of Louisiana
United States Air Force Academy
U.S. Merchant Marine Academy
United States Military Academy
Union College (NY)
University at Buffalo
University College Dublin
University of Arizona
University of California-Berkeley
University of California-Davis
University of California-Irvine
University of California-San Diego
Univ. of California-Santa Barbara
University of Central Florida
University of Chicago
University of Cincinnati
University of Colorado Boulder
University of Colorado Denver
University of Connecticut
University of Dayton
University of Delaware
University of Denver
University of Florida
University of Georgia
University of Hartford
University of Hawaii at Manoa
University of Illinois
University of Iowa
University of Kentucky
University of Lynchburg
University of Maine
Univ. of Maryland-College Park
University of Mass. Amherst
University of Miami
University of Michigan-Ann Arbor
University of Minnesota
University of Mississippi
University of Missouri-Columbia
University of Nebraska-Lincoln
University of New Hampshire
University of New Haven
Univ. of North Carolina Chapel Hill
Univ. of North Carolina Charlotte
Univ. of North Carolina Wilmington
University of North Texas
University of Notre Dame
University of Oklahoma
University of Oregon
University of Pennsylvania
University of Pittsburgh
University of Rhode Island
University of Richmond
University of Rochester
University of San Diego
University of Scranton
University of South Carolina
University of South Florida
University of Southern California
University of St Andrews
University of Toledo
University of Vermont
University of Virginia
University of Washington
University of Wisconsin-Madison
University of Wyoming
Ursinus College
Vanderbilt University
Villanova University
Virginia Commonwealth University
Virginia Tech
Wagner College
Wake Forest University
Washington University in St. Louis
Washington and Lee University
Wentworth Institute of Tech.
Wesleyan University
West Chester Univ. of Pennsylvania
West Virginia University
Wilkes University
William & Mary
William Paterson University
Williams College
Wheaton University
Worcester Polytechnic Institute
Xavier University
York College

West Morris Regional High School District

Mathematics Course Offerings in Grades 11-12

As an IB World School, the Mathematics Department at West Morris Regional is committed to providing all students with an IB education that aims to develop learners who are inquiring, knowledgeable thinkers, principled, open-minded communicators, and balanced, caring, and reflective risk-takers. Embedded in our instruction is the development of essential skills for our ever-changing world: thinking, research, social, communication, and self-management.

In 11th and 12th grade, all students participate in a capstone mathematics experience by taking one of our IB Math course sequences. The sequences are designed to appeal to students with varying levels of aptitude and ambition while developing their mathematical fluency, their ability to think mathematically, to recognize mathematics around them, and to be able to use their mathematics in either abstract or contextual settings. All students will explore mathematical concepts in five areas of mathematical study: Number and Algebra, Functions, Geometry and Trigonometry, Statistics and Probability, and Calculus.

BC Calculus (AP/IB-HL) Calculus/Analysis 3 IB-HL Honors Credit	Students who complete this sequence have been double accelerated by one of our K-8 sending districts, meaning they completed both Algebra 1 and Geometry in middle school. Note that not all of our sending districts offer this option. In 12th grade, our Calculus/Analysis 3 class prepares students for the IB Maths: Analysis and Approaches internal and external assessments while engaging students in a survey of college-level math topics in geometry, linear algebra, probability, statistics, and calculus.
Calculus/Analysis 1 and 2 IB Higher Level Honors Credit	Students who complete this sequence complete rigorous coursework which is equivalent to precalculus and two semesters of college calculus. Similar students at non-IB schools may have PreCalculus Honors and AP Calculus BC listed on their transcript.
Calc Applications 1 and 2 IB Higher Level Honors Credit	Students who complete this sequence complete rigorous coursework which is equivalent to precalculus, one semester of college statistics, and one semester of college calculus. Similar students at non-IB schools may have PreCalculus Honors, AP Calculus AB, and AP Statistics on their transcripts.
Calculus/Analysis 1 and 2 IB Standard Level Advanced Credit	Students who complete this sequence complete coursework that is equivalent to precalculus and one semester of college calculus. Similar students at non-IB schools may have PreCalculus and AP Calculus AB on their transcripts.
Alg 2/PreCalc Applications 1 Foundations of Calc Applications 2 IB Standard Level Advanced Credit	Students who complete this sequence complete coursework that is equivalent to the second year of algebra, precalculus, and introductory differential and integral calculus. Similar students at non-IB schools may have Algebra 2/Trig and PreCalculus on their transcripts but have not engaged in an introduction to differential and integral calculus.
Alg 2/PreCalc Applications 1 and 2 Academic Credit	Students who complete this sequence complete coursework that is equivalent to the second year of algebra and introductory precalculus topics. Similar students in non-IB schools may have Algebra 2/Trig and College Algebra on their transcripts.