



# Morris Knolls High School

50 Knoll Drive  
Rockaway, NJ 07866  
CEEB Code - 311321

## School Profile ~ 2023-24

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### School and Community

Morris Knolls High School, founded in 1964, is one of two four-year comprehensive high schools that comprise the Morris Hills Regional District. Total enrollment in grades 9 through 12 for the 2023-2024 school year is 1444 students. There are 348 students in the graduating class of 2024. Morris Knolls High School serves the residential communities of Denville and Rockaway Township. This section of northwestern Morris County, which is 35 miles west of New York City, offers a blend of cosmopolitan living in a suburban setting.

### Curriculum

Programs offered at Morris Knolls High School are designed to meet the needs and abilities of all students. Twenty-seven Advanced Placement and twenty-six Honors courses are offered. In addition to the rigorous academic curriculum, we offer a work-study program that serves as a gateway to infuse real life work experiences into the classroom. Technical programs are also available through a “shared” arrangement with the Morris County School of Technology. Morris Knolls High School offers a full range of varsity sports and extra-curricular activities.

### Innovative Programs

#### International Baccalaureate (IB)

Morris Knolls High School became an IB World School in 2009. The IB Diploma Program is an internationally recognized, rigorous curriculum completed during the junior and senior years. Morris Knolls students enter the IB program in their freshman year through a competitive admissions process and take extensive honors coursework in preparation for the IB sequence. All Diploma Program students are required to take six IB courses each in their junior and senior years, complete 150 hours in the Community Action-Service program and write a scholarly 4000 word extended essay. Students must also complete a series of internal and external assessments in order to earn the IB Diploma. The IB Program is among the most challenging courses of study offered at Morris Knolls.

#### Math & Science Magnet Program

The Magnet Program is a rigorous 4-year program. The program has been accepted into the AP Capstone Program. In order to graduate from the program, students must complete 155 credits, including three specialized research classes, Research Based Analysis, AP Seminar, and AP Research. Students may be eligible for the AP Capstone Certificate or the AP Capstone Diploma. Students are required to design and conduct their own original research project and complete a 4,000 to 5,000-word thesis with an oral defense.

# High School Graduation Requirements

Students must complete 140 credits, 20 credits above the established state guideline, in order to earn a diploma. Students are required to carry a minimum of 35 credits each academic year. Morris Knolls classes run on a two-day alternating Block Schedule with four 88-minute class blocks on each day. The full year courses run from September through June for 5 credits while semester courses earn 2.5 credits.

Content Area	Credits Required For Graduation	Most Rigorous Courses Offered (Advanced Placement & IB)
English	20 credits (4 years)	AP English – Language & Composition AP English – Literature & Composition IB English HL, SL
World Languages	5 credits (1 year)	IB Spanish SL      AP Spanish Language IB French SL      AP French Language IB German SL
Mathematics	15 credits (3 years)	IB Math SL      AP Calculus AB AP Calculus BC AP Statistics
Science	15 credits (3 years)	IB Biology HL      AP Chemistry IB Chemistry SL      AP Physics 1 IB Physics SL      AP Physics C AP Biology      AP Environmental Science AP Seminar      AP Research
Social Studies	15 credits (3 years)	IB History HL      AP U.S. History IB Psychology HL, SL      AP Psychology IB Theory of Knowledge      AP US Gov't and Politics AP European History      AP Human Geography
Physical Education/Health & Safety	20 credits (4 years)	
Visual & Performing Arts	5 credits (1 year)	AP Art History      IB Theatre Arts HL, SL AP Music Theory      AP Studio Art: 2D, 3D IB Music HL, SL      AP Studio Art: Drawing
21 <sup>st</sup> Century Life and Careers	5 credits (1 year)	AP Computer Science A      AP Computer Science Principles
Personal and Financial Literacy	2.5 credits (1/2 year)	AP Economics

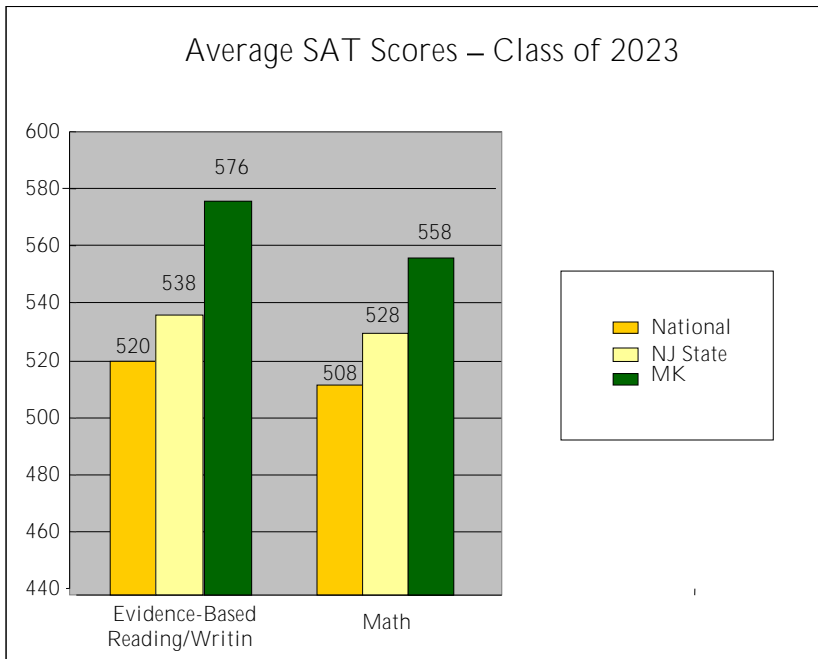
## Honors and Advanced Coursework

English 9, 10, 11 H  
Accelerated Spanish H  
Spanish 3 H  
Spanish 4 H  
Accelerated French H  
French 3 H  
French 4 H  
Accelerated German H

German 3 H  
German 4 H  
Geometry H  
Algebra 2 H  
Precalculus H  
Calculus & Analytic Geometry H  
Calculus 3 Multivariable H  
Biology 1 H

Chemistry 1 H  
World History H  
US History 1 H  
College Accounting 1 H  
College Accounting 2 H  
Advanced Band H  
Advanced Concert Choir H  
String Ensemble H

## Class of 2023 Profile



MKHS Class of 2023 ~ Statistics	
Members of the Senior Class	339
Highest Cumulative GPA	104.81
Average Cumulative GPA	90.51

Recognition	
National Merit Scholarship Program: Finalist	1
National Merit Scholarship Program: Commended Students	5
National Honor Society Members	89

**AP Scholars:** In August 2023, one hundred five students earned AP Scholar Awards in recognition of their exceptional achievement on the Advanced Placement Exams. Fifty-seven students were identified as AP Scholars, eleven as AP Scholars with Honor, and thirty-seven as AP Scholars with Distinction. Twelve students earned an AP Capstone Diploma and one student earned an AP Seminar and Research Certificate.

2023 Advanced Placement Outcome	
Number of students taking at least one AP Exam:	316
Total number of exams taken:	724
Percentage of students scoring 4 or 5	46%
Percentage of students scoring 3 or better:	71%

**Class Rank/GPA:** All courses are included in class ranks/GPA calculation, with the exception of Physical Education and any courses taken on a pass/fail or audit basis.

**Weighting:** Honors/Advanced courses earn an extra 5 points in GPA calculation and are designated on the transcript with an “A or H” at the end of the course name. **Our Advanced Placement** and IB courses earn an extra 10 points in GPA calculation and are designated on the transcript as AP and IB.

**Grading System:** Students earn grades based on a quarter system. Final grades are calculated by averaging each of the four quarters and three common assessments/projects. Each quarter grade is worth 20% of the final course grade while the three common assessments/projects are worth 20% of the final grade. Grades may be interpreted as follows:

<b>A</b>	<b>90-100</b>	<b>AU</b>	<b>Audit</b>
B	80-89	P	Pass
C	70-79	F	Fail
F	< 70	I	Incomplete

GT	Gifted Talented/Independent Study
DF/DP	Drop Fail/Pass (loss of credit due to attendance)
WF/WP	Withdrawal Fail/Pass (withdrawal after deadline)

## Class of 2023 Post-Secondary Plans

Post-Secondary Plans	Number of 2023 Graduates	Percent of 2023 Graduates
4-year College	216	63%
2-year College	85	25%
Technical/Trade School	7	2%
Military	12	3%
Full-Time Employment	20	6%
Other	6	1%
Total	339	100%

## Class of 2023 Schools of Further Education

Austin Peay State University	Iona University	Saint Joseph's University
Bentley University	James Madison University	Savannah College of Art and Design
Binghamton University	Johnson & Wales University	Seton Hall University
Boston College	Kean University	Shippensburg University
Boston University	Kutztown University	Stevens Institute of Technology
Bucknell University	Lander University	SUNY New Paltz
Caldwell University	Lasell University	Susquehanna University
Carnegie-Mellon University	Lincoln Technical Institute	Syracuse University
Champlain College	Louisiana State University	Temple University
Coastal Carolina University	Manhattan College	The Catholic University of America
Cornell University	Marist College	The College of New Jersey
County College of Morris	Marywood University	Thomas Jefferson University
Delaware State University	McGill University	Universal Technical Institute
DeSales University	Mercer County Community College	University of Central Florida
Duquesne University	Miami University	University of Delaware
East Stroudsburg University	Michigan State University	University of Florida
East Tennessee State University	Monmouth University	University of Hartford
Eastwick College	Montclair State University	University of Kentucky
Elon University	Muhlenberg College	University of Maryland, College Park
Embry-Riddle Aeronautical University	New Jersey Institute of Technology	University of Massachusetts Dartmouth
Emerson College	New York University	University of New Haven
Fairfield University	North Carolina State University	University of North Carolina, Chapel Hill
Fairleigh Dickinson University	Northeastern University	University of North Carolina, Charlotte
Fashion Institute of Technology	Ohio Northern University	University of North Carolina, Wilmington
Felician University	Pace University	University of Pittsburgh
Florida Atlantic University	Pennsylvania College of Technology	University of Rhode Island
Florida Gulf Coast University	Pennsylvania State University	University of South Carolina-Columbia
Fordham University	Providence College	University of Tennessee-Knoxville
Franklin and Marshall College	Purdue University	University of Utah
Franciscan University of Steubenville	Quinnipiac University	University of Vermont
George Washington University	Ramapo College of New Jersey	University of Wisconsin
Georgian Institute of Technology	Rensselaer Polytechnic Institute	Vanderbilt University
Georgia Southern University	Rowan University	Virginia Polytechnic Institute
Gordon College	Rutgers University	West Chester University
Hillsborough Community College	Saint Bonaventure University	Western Washington University
Indiana University-Bloomington	Saint John Fisher University	William Paterson University



**IB diploma candidates** pursue the **most rigorous course of study** available at Morris Knolls High School. A full **90%** of our diploma candidates earn the prestigious **International Baccalaureate Diploma** compared to the national average of **78%**. These students gained admission to universities such as **Harvard, Yale, Princeton, Brown, Cornell, Johns Hopkins, University of Chicago and Columbia**. IB students successfully develop the ability to think, write and act critically but creatively, understand the global context of their studies and have actively used these skills to better their local communities. **In short, these students have the skills that are necessary to be competitive and productive citizens of a 21<sup>st</sup> century global community.**



All IB Diploma students are required to complete advanced coursework in the above designated areas. **Three (3)** are taken at the **standard level (SL)**, which covers a broad range of topics within a subject area. **Three (3)** are taken at the **higher level (HL)** which covers fewer topics to a greater level of depth.

*In addition to their general coursework, all IB Diploma students are required to complete the following:*

- **Extended Essay** is a **4000 word (20 page)** original in-depth study of a question relating to one of the subjects they are studying.
- **Creativity, Action, Service (CAS)** requires that students actively learn from the experience of doing real tasks beyond the classroom in **150 hours** of service to the community.
- **Theory of Knowledge** is a course designed to encourage each student to reflect on the nature of knowledge by critically examining different ways of knowing (perception, emotion, language and reason) and different kinds of knowledge (scientific, artistic, mathematical and historical).

### IB Course Offerings 2023-2024

#### Group 1: English

English SL/HL

#### Group 4: Experimental Sciences

Chemistry SL  
Physics SL

#### Group 2: World Language

French SL  
German SL  
Spanish SL

#### Group 5: Mathematics

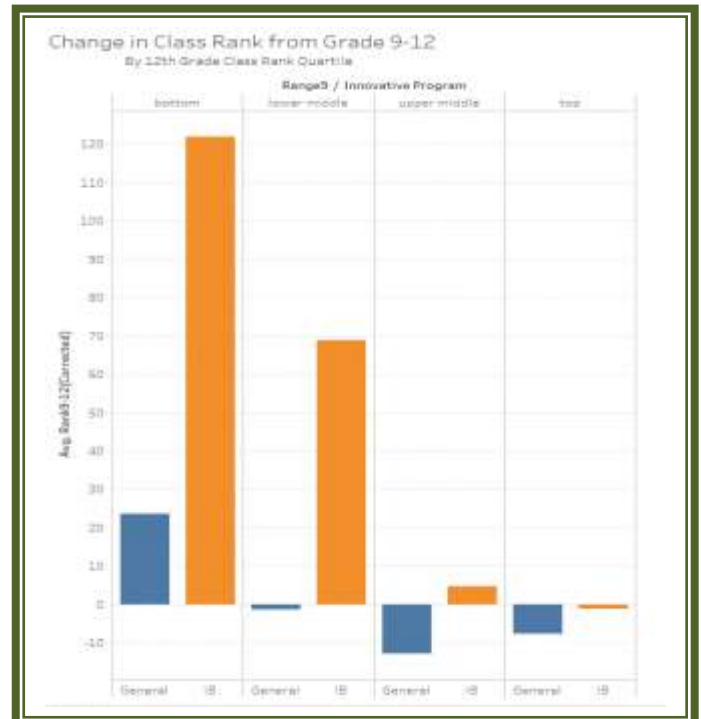
Mathematics SL

#### Group 3: Individuals and Society

History of the Americas HL

#### Group 6: Arts or Electives

Psychology SL/HL



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