



Morris Knolls High School

50 Knoll Drive
Rockaway, NJ 07866
CEEB Code - 311321

School Profile ~ 2021-22

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Visit us online at:

www.mhrd.org/mkhs

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 2021-2022 school year is 1557 students. There are 321 students in the graduating class of 2022. 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-five Advanced Placement and twenty-seven 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.

The Academy for Performing Arts (APA)

Morris Knolls High School became the host site for the Morris County Academy for Performing Arts in September, 2018. The Academy is a part of the Morris County Vocational School District and provides a highly specialized curriculum in dance, theatre and vocal performance for qualified students throughout Morris County. Morris Knolls’ coursework, athletics and activities are open to Academy students. The CEEB code for the Academy is 310271.

High School Graduation Requirements

Students must complete 140 credits, 20 credits above the established state guideline, and obtain a passing score in a English Language Arts and Mathematics assessment (NJSLA, PSAT, SAT, ACT Aspire, ACT, Accuplacer, or ASVAB) 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
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
Computer Literacy	5 credits (1 year)	AP Computer Science A AP Computer Science Principles
21 st Century Life and Careers	5 credits (1 year)	
Personal and Financial Literacy	2.5 credits (1/2 year)	AP Economics

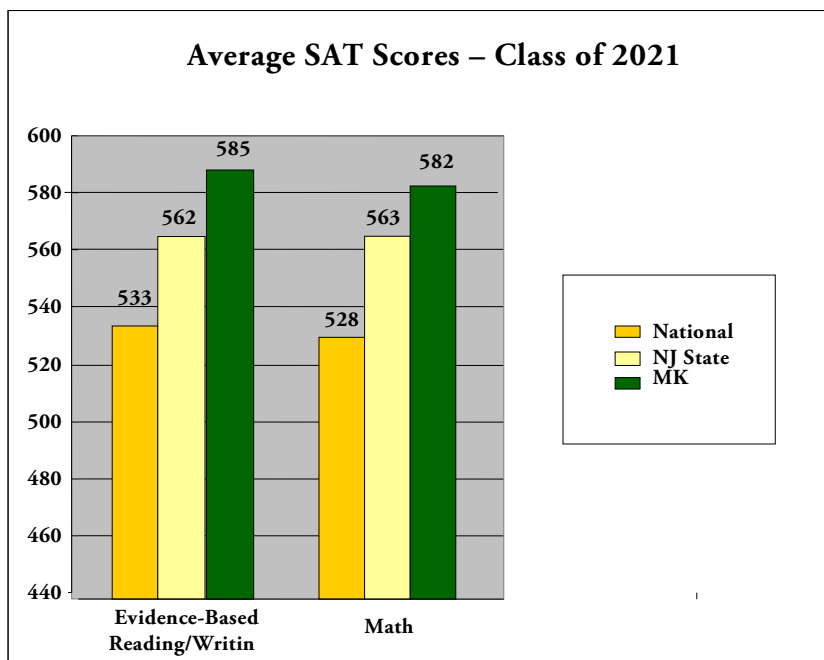
Honors and Advanced Coursework

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 2021 Profile



MKHS Class of 2021 ~ Statistics	
Members of the Senior Class	320
Highest Cumulative GPA	104.58
Average Cumulative GPA	89.31

Recognition	
National Merit Scholarship Program: Commended Students	5
National Hispanic Recognition Program Scholar	1
National Honor Society Members	85

AP Scholars: In August 2021, ninety-five students earned AP Scholar Awards in recognition of their exceptional achievement on the Advanced Placement Exams. Forty-nine students were identified as AP Scholars, twenty-one as AP Scholars with Honor, and twenty-five as AP Scholars with Distinction.

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 quarterly benchmark assessments/projects. Each quarter grade is worth 20% of the final course grade while the three quarterly benchmark assessments/projects are worth 20% of the final grade. Grades may be interpreted as follows:

A	90-100	AU	Audit
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)

2021 Advanced Placement Outcome	
Number of students taking at least one AP Exam:	301
Total number of exams taken:	611
Percentage of students scoring 4 or 5	30%
Percentage of students scoring 3 or better:	60%

Class of 2021 Post-Secondary Plans

Post-Secondary Plans	Number of 2021 Graduates	Percent of 2021 Graduates
4 year College	212	68%
2 year College	67	21%
Technical/Trade School	7	2%
Military	7	2%
Full-Time Employment	18	5%
Other	9	2%
Total	320	100%

Class of 2021 Schools of Further Education

American University	Ithaca College	SUNY College at Oswego
Anderson University	James Madison University	SUNY Cortland
Arizona State University	Lafayette College	SUNY Maritime College
Automotive Training Center	Loyola University Maryland	Syracuse University
Bentley University	Lycoming College	Temple University
Brandeis University	Lynn University	Texas Christian University
Bucknell University	Massachusetts College of Pharmacy	The College of New Jersey
Caldwell University	Messiah University	United State Coast Guard Academy
Carnegie-Mellon University	Millersville University of PA	University of Alabama
Centenary University	Monmouth University	University of Arkansas
Clemson University	Montclair State University	University of Delaware
Coastal Carolina University	Moravian College	University of Lynchburg
College of Charleston	Muhlenberg College	University of Maryland, College Park
Concordia University - Montreal	New Jersey Institute of Technology	University of Massachusetts, Amherst
County College of Morris	New York University	University of Miami
Drew University	North Carolina Central University	University of New Hampshire
Drexel University	Northeastern University	University of Notre Dame
Elon University	Ohio State University	University of Oregon
Fairfield University	Pace University	University of Rhode Island
Fairleigh Dickinson University	Pennsylvania State University	University of Scranton
Felician University	Ramapo College of New Jersey	University of South Carolina
Five Towns College	Rensselaer Polytechnic Institute	University of South Florida
Florida Gulf Coast University	Rider University	University of Southern California
Florida SouthWestern State College	Rochester Institute of Technology	University of Tampa
Florida State University	Rowan University	University of Tennessee
George Washington University	Rutgers University	University of Texas
Georgia Institute of Technology	Sacred Heart University	University of Vermont
Georgian Court University	Saint Elizabeth University	Virginia Polytechnic Institute
Gettysburg College	Seton Hall University	Wellesley College
Gordon College	Siena College	Wentworth Institute of Technology
High Point University	Stevens Institute of Technology	West Chester University of PA
Hofstra University	Stevenson University	West Virginia University
Howard University	Stockton University	William Paterson University of NJ
Immaculata 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 21st 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 2021-2022

Group 1: English

English SL/HL

Group 2: World Language

French SL

German SL

Spanish SL

Group 3: Individuals and Society

History of the Americas HL

Group 4: Experimental Sciences

Chemistry SL

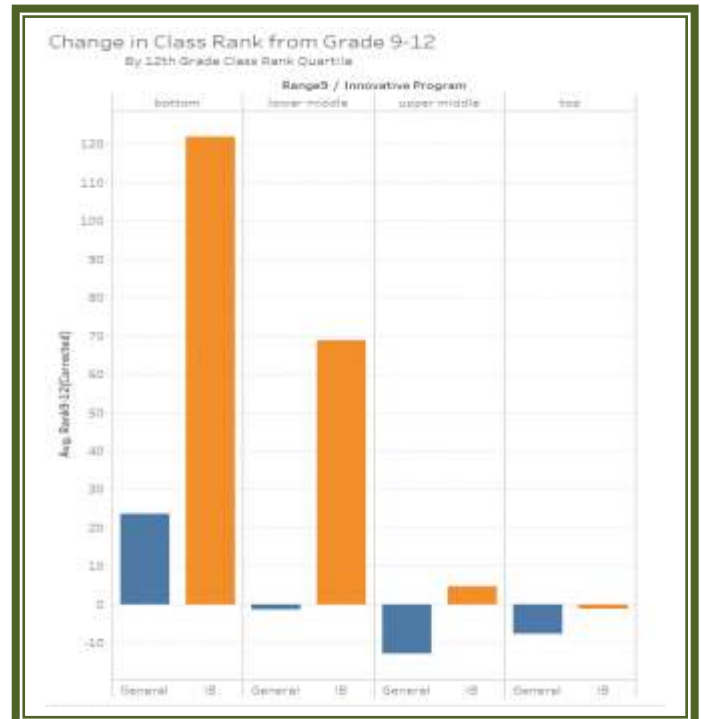
Physics SL

Group 5: Mathematics

Mathematics SL

Group 6: Arts or Electives

Psychology SL/HL



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