



# Morris Knolls High School

50 Knoll Drive  
Rockaway, NJ 07866  
CEEB Code - 311321

## School Profile ~ 2018-19

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**Visit us online at:**

[www.mhrd.org/mkhs](http://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 2018-2019 school year is 1473 students. There are 358 students in the graduating class of 2019. 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-four Advanced Placement and twenty-three 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 (PARCC, 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 <sup>st</sup> Century Life and Careers	5 credits (1 year)	
Personal and Financial Literacy	2.5 credits (1/2 year)	AP Economics

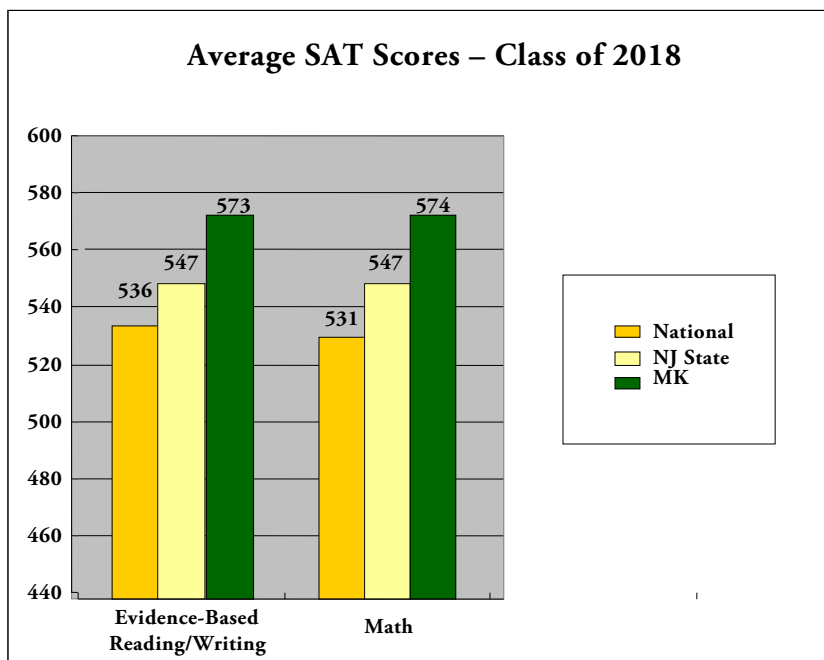
### Honors and Advanced Coursework

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

## Class of 2018 Profile



<b>MKHS Class of 2018 ~ Statistics</b>	
<b>Members of the Senior Class</b>	377
<b>Highest Cumulative GPA</b>	104.00
<b>Average Cumulative GPA</b>	89.73

<b>Recognition</b>	
<b>National Merit Scholarship Program: Commended Students</b>	8
<b>National Honor Society Members</b>	116

**AP Scholars:** In July 2018, one hundred sixteen students earned AP Scholar Awards in recognition of their exceptional achievement on the Advanced Placement Exams. Fifty students were identified as AP Scholars, twenty-five as AP Scholars with Honor, forty-one as AP Scholars with Distinction and four as National AP Scholars.

**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 four quarterly benchmark assessments/projects. Each quarter grade is worth 20% of the final course grade while the quarterly benchmark assessments/projects are worth 5% of the final grade. Grades may be interpreted as follows:

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

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

<b>2018 Advanced Placement Outcome</b>	
<b>Number of students taking at least one AP Exam:</b>	337
<b>Total number of exams taken:</b>	684
<b>Percentage of students scoring 4 or 5</b>	55%
<b>Percentage of students scoring 3 or better:</b>	79%

## Class of 2018 Post-Secondary Plans

Post-Secondary Plans	Number of 2018 Graduates	Percent of 2018 Graduates
4 year College	265	70.5%
2 year College	89	23.7%
Technical/Trade School	6	1.6%
Military	6	1.6%
Full-Time Employment	8	2.1%
Other	2	.5%
Total	376	100%

## Class of 2018 Schools of Further Education

American University	Kean University	SUNY Maritime College
Amherst College	Kent State University	Syracuse University
Arizona State University	Kutztown University of PA	Tallahassee Community College
Auburn University	Lafayette College	Temple University
Bentley University	Lehigh University	The American Musical and Dramatic Academy
Bergen Community College	Long Island University, Post	The Citadel
Bloomfield College	Marymount Manhattan College	The College of New Jersey
Boston University	Miami University, Oxford	The University of Alabama
Bowling Green State University	Millersville University of PA	The University of Scranton
Brown University	Monmouth University	The University of the Arts
Bucknell University	Montclair State University	Towson University
Caldwell University	Moravian College	Tri-County Technical College
Carnegie Mellon University	Muhlenberg College	Union College
Centenary University	Navarro College	University of Connecticut
Clemson University	New Jersey City University	University of Delaware
Coastal Carolina University	New Jersey Institute of Technology	University of Florida
College of Saint Elizabeth	New York University	University of Maryland, College Park
College of the Holy Cross	North Carolina State University	University of Massachusetts, Amherst
Colorado State University	Northeastern Junior College	University of Miami
Connecticut College	Northeastern University	University of Michigan
Cornell University	Norwich University	University of New Hampshire
County College of Morris	Pennsylvania College of Technology	University of Pittsburgh
Drew University	Pennsylvania State University	University of Rhode Island
Drexel University	Point Park University	University of South Carolina
D'Youville College	Quinnipiac University	University of the Sciences in Philadelphia
East Stroudsburg University of PA	Ramapo College of New Jersey	University of Utah
Eastern University	Rensselaer Polytechnic University	University of Vermont
Elon University	Rochester Institute of Technology	Vassar College
Fairfield University	Rowan University	Villanova University
Fairleigh Dickinson University	Rutgers University	Virginia Tech
Florida Atlantic University	Sacred Heart University	Wagner College
Georgian Court University	Saint Joseph's University	Wake Technical Community College
Indiana University at Bloomington	San Diego Community College	West Virginia University
Indiana University of PA	Savannah College of Art & Design	Western New England University
Ithaca College	School of the Art Institute of Chicago	Wilkes University
Jacksonville University	Seton Hall University	William Paterson University of NJ
James Madison University	Stevens Institute of Technology	Yale University
Jefferson University	Stockton University	
John Jay College of Criminal Justice	SUNY Adirondack	
Johnson & Wales University	SUNY College at Cortland	



**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 2018-2019

#### 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

Biology SL/HL

Chemistry SL

Physics SL

#### Group 5: Mathematics

Mathematics SL

#### Group 6: Arts or Electives

Psychology SL/HL

Theatre Arts SL/HL

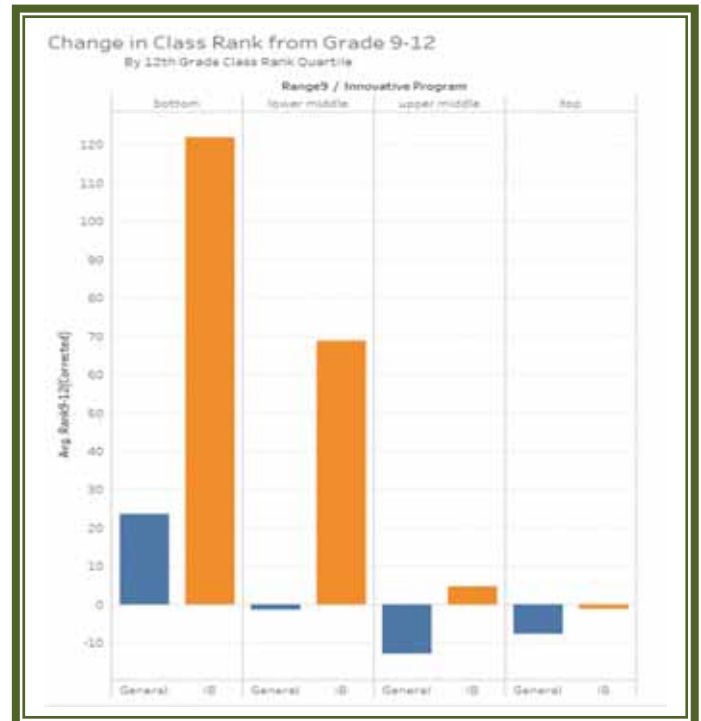
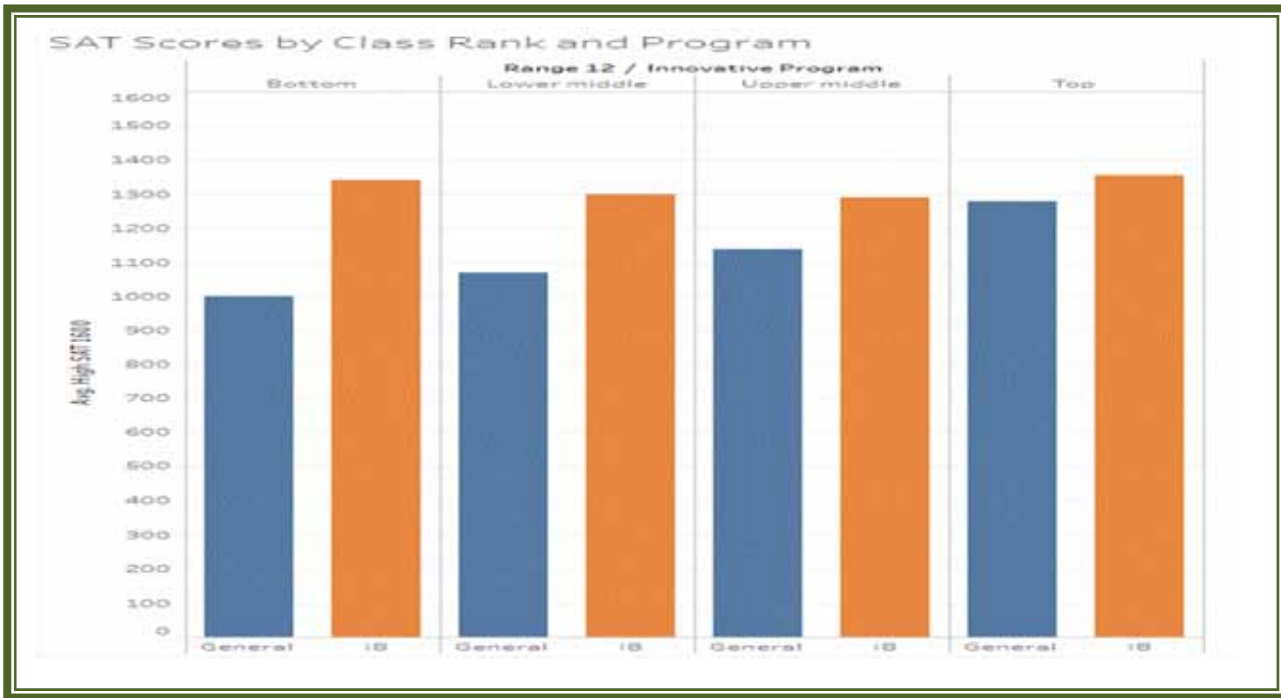
Music SL/HL





# MKIB

The International Baccalaureate Program  
at Morris Knolls High School



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