

HOWELL MIDDLE SCHOOL NORTH
School Counseling Department



June 24, 2019

Dear Parent/Guardian,

With the conclusion of the 2018-2019 school year, we begin to focus on the start of the next school year. As an 8th grader, your child will have a variety of options regarding high school program selection. In addition to the standard high school programs, there are other opportunities for your child to consider, such as the Freehold Regional High School District Magnet Programs and the Monmouth County Vocational School District Career Academies.

Attached you will find a brief synopsis of each of these specialized programs. Information for the FRHSD Open Houses and MCVSD Information Sessions will be available in the near future. All programs are highly selective and have a limited number of placements available. The high school directors consider specific criteria such as grade point average, coursework, and timeliness of application filing as significant factors for admission. Please note that it is your child's responsibility to obtain an application in the Fall 2019 and fulfill all the necessary requirements according to the program's deadlines.

In September, more detailed information will be available, as well as an evening session for parents tentatively scheduled for Back to School Night. Please check Middle School North's "Guidance & Counseling" link on the school web page for more information during the early part of the school year.

If you have any questions or concerns, please feel free to contact me in mid-September.

Have a pleasant and safe summer.

Sincerely,

Joan Lindsay

Joan Lindsay
School Counselor



FREEHOLD REGIONAL HIGH SCHOOL DISTRICT

Office of Curriculum and Instruction Magnet Programs

ANIMAL AND BOTANICAL SCIENCES

For more information, contact Shae-Brie Dow, 732-431-8460 x3002 or sdow@frhsd.com

Freehold Township High School

Animal and Botanical Sciences is a four-year program covering topics such as plant and animal science, greenhouse production, food science, natural resources management, and floral and landscape design. The program consists of three integral parts: classroom instruction, supervised agricultural experience (SAE), and participation in the National Future Farmers of America Organization (FFA). Participation in these organizations provides students with an opportunity to build leadership skills, serve the community, and explore career opportunities. Articulation agreements with Rutgers University School of Environmental & Biological Sciences, SUNY Cobleskill, and Mercer County Community College allows students to earn college credits for courses completed while attending this program.

BUSINESS ADMINISTRATION

For more information, contact Elena Andreacci, 732-617-8393 x6006 or eandreacci@frhsd.com

Marlboro High School

Business Administration offers a four-year program for students to pursue their interests in business administration and management. Courses include Economic Geography, Business Law, American Economic History I & II, AP Micro/Macro Economics, Business Computer Systems, Business Principles & Practices, Financial Accounting, and an Entrepreneurship Seminar. Classroom activities are augmented with guest speakers, field experiences, and close affiliations with professionals in business and industry. Opportunities for counseling and career orientation to colleges and universities are available. Applicants must be enrolled in Algebra I (or higher) in the 8th grade and then successfully complete it (B or better) for admission.

COMPUTER SCIENCE

For more information, contact Joseph Iacullo, 732-431-8360 x2002 or jiacullo@frhsd.com

Freehold High School

Computer Science is designed for students interested in exploring the fields of computer science or computer engineering. The first two years emphasize the basic components of computer science and various programming languages. Specialized math courses, combining geometry, algebra and discrete math, are integrated into the curriculum. Junior/senior classes are equivalent to second- and third-year computer science courses at the college level. Applicants must be enrolled in Algebra I (or higher) in the 8th grade and then successfully complete it (B or better) for admission.

CULINARY ARTS/HOSPITALITY MANAGEMENT

For more information, contact Catherine Boenig, 732-431-8360 x2008 or cboenig@frhsd.com

Freehold High School

Culinary Arts/Hospitality Management is a four-year career exploration program that prepares students for employment in the hospitality industry, as well as admission to college or post-secondary culinary schools. Courses include specialized math and science, and hands-on work experience in restaurant operation (front and back of house). Students gain real work experience through the operation of the 5-Star Cafe, a fully licensed restaurant serving the public located in Freehold High School. This unique program designed for students with a wide range of ability levels offers an opportunity to be successful in both academic and skill-performance components.

FINE AND PERFORMING ARTS

For more information, contact Craig Chern, 732-919-2131 x4005 or cchern@frhsd.com

Howell High School

Fine and Performing Arts provides an opportunity for students to channel and further develop their talents in the arts. A four-year sequence of classes is offered in the three possible majors: Acting, Dance, Entertainment Technology-Video, or Entertainment Technology-Music. The program prepares students for further training and/or performance at colleges and conservatories by developing self-discipline, analytical/critical thinking skills, and an appreciation for all the arts. Classwork is augmented with field trips, guest speakers, and master classes offered by visiting artists. Students participate in a variety of creative and performance opportunities.

GLOBAL STUDIES

For more information, contact Judi Newins, 732-431-8460 x3015 or inewins@frhsd.com

Freehold Township High School

Global Studies is an intensive four-year study of world regions, international challenges, cultures, governments, and economies. The rapid pace of globalization means that future graduates will need a more expansive study of the world and what role the United States plays in it. Students with an interest in history, international development, diplomacy, and foreign policy will be challenged with an accelerated and unique curriculum, studying human geography, international relations, comparative government and politics, and international law. Our goal is to develop a sense of responsibility to the world community and an understanding of what it means to be an active global citizen.

Submit your application at frhsdmagnetprograms.com

Questions? Contact the FRHSD Office of Curriculum & Instruction at 732-792-7300 x8529



**Office of Curriculum and Instruction Magnet
Programs**

HUMANITIES

For more information, contact Kristine Jenner, 732-919-2131 x4015 or kjenner@frhsd.com

Howell High School

The Scholars' Center for the Humanities offers a four-year program of study that assists highly talented and motivated students to develop advanced research skills, superior analytical and critical thinking skills, and sophisticated written and verbal communication skills while studying the many facets of American culture. Students experience an intensive, interdisciplinary approach to the liberal arts through course work in literature, arts, history, cultures, philosophy, and research strategies.

**LAW AND PUBLIC
SERVICE**

For more information, contact Peter Kraiss, 732-761-0190 x1013 or pkraiss@frhsd.com

Colts Neck High School

Law and Public Service is a four-year program for students with demonstrated interests and abilities in history, politics, government, law, volunteerism, and leadership. The values of citizenship, justice, and service serve as the foundation for academic study. Students study history as it relates to the development of the United States and the evolution of world societies and governments, as well as political thought, ethical philosophy, and leadership theory. Special attention is given to New Jersey history and civic affairs. Skills and knowledge are enhanced by active experiences in volunteerism and public service on the school, local, state, and national levels. Career opportunities are explored during externships in government offices, volunteer agencies, police departments, and emergency and fire services.

LAW ENFORCEMENT & PUBLIC SAFETY

For more information, contact Michelle Lilley, 732-792-7200 x5016 or mlilley@frhsd.com

Manalapan High School

This highly focused, four-year program is for students with specific interests in law enforcement, fire-fighting, homeland security, and emergency preparation and response. Course study includes criminal justice, civics, law enforcement, physical training, forensics, and fire science. Students will receive training in various public safety areas. Skills and knowledge are further enhanced by active participation in volunteer programs and frequent articulation with local police and volunteer agencies.

MEDICAL SCIENCES

For more information, contact Marybeth Ruddy, 732-431-8360 x2013 or mruddy@frhsd.com

Freehold High School

Medical Sciences offers a four-year program for students interested in the medical and natural sciences. Students work and study in a creative environment, invigorated by contact with specialists in the science and health care fields. Advanced program curricula includes AP Biology, Computer Programming, Medical & Scientific Research, AP Statistics, AP Chemistry, Biochemical Sciences & Technology, AP Calculus, Anatomy/Physiology, with opportunities for Multi-Variable Calculus and/or AP Computer Science. The program enables students to develop research and process skills, which serve as an excellent preparation for future training in the health sciences. Articulation with medical and research facilities prepare students for an extensive junior year research project. Applicants must be enrolled in Algebra I (or higher) in the 3rd grade and then successfully complete it (B or better) for admission.

NAVY JROTC

For more information, contact Major Gregory Penczak, 732-761-0190 x1016 or gpenczak@frhsd.com

Colts Neck High School

This four-year course of study encompasses three main subject areas: leadership, Naval Science, and physical training. The leadership curriculum develops skills in time management and personal leadership, as well as self-discipline and self-reliance. The roles and capabilities of the U.S. Armed Forces, particularly sea power, shipboard life, national security, and naval history are explored. Cadets learn military customs, courtesies, drills, flag ceremonies and respect, as well as develop a sense of patriotism through school and community service. Weekly physical training reinforces the leadership value of fitness. This is a dynamic opportunity for students to develop leadership qualities in a nurturing and exciting environment.

SCIENCE AND ENGINEERING

For more information, contact Adam Angelozzi, 732-792-7200 x5001 or aangelozzi@frhsd.com

Manalapan High School

Science & Engineering offers a four-year program of interdisciplinary studies for students interested in pursuing careers in mathematics, engineering, or the physical sciences. Working with specialists who promote creativity, students receive an accelerated preparation in science, math, computer science, and electronics. The program includes courses in AP Biology, AP Chemistry, AP Physics C: Mechanics & E/M, AP Statistics, AP Calculus BC, Multi-Variable Calculus, Computer Programming & Engineering Design, AP Computer Science, Electronics, and Engineering Research. The program of study culminates in a full-year of research in 12th grade that focuses on specific areas of interest, such as, but not limited to, robotics, laser technology, chaos theory, artificial intelligence. Applicants must be enrolled in Algebra I (or higher) in the 3rd grade and then successfully complete it (B or better) for admission.

Submit your application at frhsdmagnetprograms.com

Questions? Contact the FRHSD Office of Curriculum & Instruction at 732-792-7300 x8529



FREEHOLD REGIONAL HIGH SCHOOL DISTRICT
Office of Curriculum and Instruction
Magnet Programs

OPEN HOUSE DATES 2019

PROGRAM	DATE	TIME	LOCATION
Naval Junior ROTC	TBD	7:00 - 8:00 PM	Colts Neck High School 59 Five Points Road, Colts Neck
Fine and Performing Arts	TBD	7:00 - 8:00 PM	Howell High School 405 Squankum-Yellowbrook Road Farmingdale
Humanities	TBD	7:00 - 8:00 PM	Howell High School 405 Squankum-Yellowbrook Road Farmingdale
Law Enforcement & Public Safety	TBD	7:00 - 8:00 PM	Manalapan High School 20 Church Lane, Englishtown
Medical Sciences	TBD	7:00 - 8:00 PM	Freehold High School 2 Robertsville Road, Freehold
Science & Engineering	TBD	7:00 - 8:00 PM	Manalapan High School 20 Church Lane, Englishtown
Animal & Botanical Sciences	TBD	7:00 - 8:00 PM	Freehold Township High School 281 Elton Adelpia Road, Freehold
Computer Science	TBD	7:00 - 8:00 PM	Freehold High School 2 Robertsville Road, Freehold
Business Administration	TBD	7:00 - 8:00 PM	Marlboro High School 95 North Main Street, Marlboro
Culinary Arts / Hospitality Management	TBD	7:00 - 8:00 PM	Freehold High School 2 Robertsville Road, Freehold
Global Studies	TBD	7:00 - 8:00 PM	Freehold Township High School 281 Elton Adelpia Road, Freehold
Law & Public Service	TBD	7:00 - 8:00 PM	Colts Neck High School 59 Five Points Road, Colts Neck

Submit your application at frhsmagnetprograms.com

Questions? Contact the FRHSD Office of Curriculum & Instruction at 732-792-7300 x8529

Open House dates have not yet been scheduled for 2019.

Additional information can be found on their web site: <http://www.mcvsd.org/>

Academy of Allied Health & Science (AAHS)

Our Mission:

The Academy of Allied Health and Science prepares and motivates students to pursue further education towards a career in the medical sciences through a rigorous specialized curriculum and community-based partnerships, inspiring students to serve society with compassion, skill and vision.

- Is located in Neptune in close proximity to Jersey Shore Medical Center and other Health Care facilities.
- Provides a Continuous Program of College Preparatory Course work for students who are interested in exploring careers in the health and medical sciences.
- Heavy emphasis on the use of computer technology in the Allied Health field.
- Provides students the opportunity to participate in internships and mentoring programs.
- Opened in September 1996 with a Freshman class of 64 students.
- Member of the National Consortium of Specialized Secondary Schools of Mathematics, Science and Technology.

Biotechnology High School (BTHS)

Our Mission:

Biotechnology High School, an International Baccalaureate World School, integrates life sciences into a rigorous curriculum that inspires students toward open-minded participation in the global community and prepares students for higher education and leadership in an increasingly demanding workplace, through scholarly research, original investigations, and interactive partnerships.

Communications High School (CHS)

Our Mission:

Communications High School, a small, personalized academy with a career focus, provides a theme-based integrated curriculum in conjunction with community and industry partnerships. Monmouth County students interested in the field of communications acquire knowledge, skills, and ethics in a unique and challenging educational environment.

- The Communications H.S. is located in Wall, NJ.
- Opened in September 2000.

High Technology High School (HTHS)

Our Mission:

High Technology High School, a pre-engineering career academy that emphasizes the interconnections among mathematics, science, technology and the humanities, prepares students to become creative problem solvers through a rigorous specialized curriculum and community-based partnerships.

- 2003 No Child Left Behind - Blue Ribbon School
- Cooperative venture between Monmouth County Vocational School District and Brookdale Community College.
- Provides a continuous program of technology education for grades 9-12.
- Is designed with state of the art technology.
- Provides students the opportunity for mentorships and to study in a college atmosphere.
- Twice designated as a NJ "Star School" and recognized for Best Practices.
- Member of the National Consortium of Specialized Secondary Schools of Mathematics, Science and Technology.
- College credits in escrow and fast start programs are available to all students.

Marine Academy of Science & Technology (MAST)

Our Mission:

To provide small, nurturing, student-centered, learning environment for young people in New Jersey; who are talented and are truly interested in the areas of: Marine and Environmental Studies.

- Is located on historic and scenic Sandy Hook, this unique location enables the students to have regular scientific contact on the beaches, the bay and the Atlantic Ocean.
- Requires each student to participate in the Naval Junior Reserve Officer Training Corps.
- Provides a continuous program of college preparatory education.
- Provides students the opportunity of internships in organizations like Gateway National Park, Clean Ocean Action and National Oceanic and Atmospheric Administration.
- Designated as a "Star School".
- Member of the National Consortium of Specialized Secondary Schools of Mathematics, Science and Technology.