



FREEHOLD REGIONAL HIGH SCHOOL DISTRICT

Office of Curriculum and Instruction

Magnet Programs

ANIMAL AND BOTANICAL SCIENCES

Freehold Township High School

Mr. Michael Mendes, 732-431-8460 x3006 or mmendes@frhsd.com

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

Marlboro High School

Ms. Elena Andreacci, 732-617-8393 x6006 or eandreacci@frhsd.com

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.

COMPUTER SCIENCE

Freehold High School

Mr. Thomas McCafferty, 732-431-8360 x2012 or tmccafferty@frhsd.com

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 1 (or higher) in the 8th grade and successfully complete it.

CULINARY ARTS/HOSPITALITY MANAGEMENT

Freehold High School

Ms. Catherine Boenig, 732-431-8360 x2008 or cboenig@frhsd.com

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 Café, 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

Howell High School

Mr. Craig Chern, 732-919-2131 x4005 or cchern@frhsd.com

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, and Entertainment Technology. 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

Freehold Township High School

Ms. Judi Newins, 732-431-8460 x3015 or jnewins@frhsd.com

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.



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HUMANITIES

Ms. 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

Mr. Peter Kraus, 732-761-0190 x1013 or pkraus@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

Ms. 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

Ms. 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 1 (or higher) in the 8th grade and then successfully complete it.

NAVY JROTC

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

Dr. 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 1 (or higher) in the 8th grade and then successfully complete it.



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Office of Curriculum and Instruction

Magnet Programs: FREQUENTLY ASKED QUESTIONS

What are Magnet Programs?

These four-year programs allow students to pursue their passions in fields of study and career interests. Students and faculty join to form a unique learning community located within the comprehensive high school setting. All programs include in-depth study of targeted courses on an advanced level, with many courses meeting the requirements of Advanced Placement or college-level work. Programs prepare students to directly enter the work force, or attend a post-secondary technical program, or attend a two- or four-year college.

How do you decide who gets a seat?

The admissions formula considers multiple measures to ensure that accepted students are a good fit for the program. The table below presents how the application components are weighted for each program.

Program	Grades	Entrance Exam	Essay	Extra-curriculars	Recommendations	Audition	Interview
Animal & Botanical Sciences	35%	-	25%	5%	35%	-	-
Business Administration	45%	40%	5%	-	10%	-	-
Computer Science <i>Algebra 1 required†</i>	40%	40%	5%	5%	10%	-	-
Culinary Arts/ Hospitality Management	30%	-	35%	-	35%*	-	-
Fine & Performing Arts	15%	-	-	5%	10% *	70%	-
Global Studies	50%	40%	-	-	10%	-	-
Humanities	40%	35%	15%	-	10%	-	-
Law & Public Service	40%	45%	5%	-	10%	-	-
Law Enforcement & Public Safety	40%	-	15%	15%	30% *	-	-
Medical Sciences <i>Algebra 1 required†</i>	40%	40%	5%	5%	10%	-	-
Navy Junior ROTC	30%	-	10%	15%	15% *	-	30%
Science & Engineering <i>Algebra 1 required†</i>	40%	40%	5%	5%	10%	-	-

† These programs require students to complete Algebra 1 or higher by the end of 8th grade. See below for more details.

* These programs require a 3rd recommendation from a teacher or external professional who has trained you or has knowledge of your talents.

Grades are not weighted based on level (honors, resource, etc.). Each grade is viewed as a measurement of how well a student performed toward appropriately leveled objectives. An A+ is equal to any other A+, no matter the level of the courses.

Why is Algebra 1 required for the Computer Science, Medical Sciences, and Science & Engineering programs?

9th grade coursework in these programs assumes and depends on student proficiency in Algebra 1. Pre-Algebra does not satisfy this requirement, nor does Algebra 1 taken during the summer immediately prior to 9th grade.

How do I learn more about a specific program?

Students can learn more about specific programs at our Open Houses. These are formal presentations on the program, with meet-and-greets with staff and students afterwards. Students do NOT have to attend an Open House to apply to the program. See page 7 for dates and locations.

How many programs may I apply to?

You may apply to up to two (2) programs. Fine and Performing Arts applicants may apply to two majors within FPAC, as well as one other program.



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How will I get to school if I am accepted into a program that is not located in my home school?

FRHSD provides bussing for all Magnet Program students, including activity buses to accommodate after school participation in extra-curricular activities.

How do I know which program is right for me?

Students should ask themselves the following questions. Responses will help determine whether a program is a good fit.

- Do my personal and/or career interests match the focus of the program?
- Do my grades in the subjects that are the academic focus of the program demonstrate that I am ready to accept the challenge of the program?
- Have I participated in classes, after-school activities, hobbies, or other activities that demonstrate that I have some interest with the focus of the program?
- Have I demonstrated that I can balance the demands of accelerated classes while still participating in sports, clubs, hobbies, and other extra-curricular activities?
- Am I willing to attend the high school where this program is located?
- For the Computer Science, Medical Sciences, and Science & Engineering programs, am I taking Algebra 1 or higher in 8th grade?

How do I apply?

The online application is available at frhsdmagnetprograms.com and will open on October 2, 2019.

The application timeline with a full description of deadlines is included in this packet; see page 6 for details.

Can I prepare for the entrance exam?

The district utilizes percentile scores from a nationally administered assessment of cognitive ability and aptitude. This is not a subject-specific test for which students can study, but a test of skills and abilities that many schools use to determine appropriateness for specialized programs.

What if I get extended time (or other accommodations) for testing?

If a student receives testing accommodations due to an IEP or 504 plan and they are taking the entrance exam, parents/guardians must contact the Office of Curriculum & Instruction and provide a signed, current copy in advance.

Who should I ask for a recommendation?

Ask two teachers who know you well and can provide feedback on your interests, academic work, and likelihood of success in the program(s) to which you are applying. Select these individuals carefully and ask those teachers who teach classes that most closely resemble the focus of the program (e.g., ask your science and math teachers if you are applying to Science and Engineering; ask your English and social studies teachers if you are applying to Law & Public Service). Teacher recommendations are completed in our online application program. Recommendations are in the form of a Likert scale and are confidential (students and parents/guardians cannot see them).

Some programs (Culinary, FPAC, JROTC, LEPS) require an additional recommendation from another teacher in your school or external professional who has trained you or has knowledge of your talents.

Why must I audition for FPAC and interview for JROTC? How do I schedule an appointment?

These programs are focused on a student's talents and potential for growth in unique areas of interest. The professionals who work in and with these programs will evaluate you, utilizing carefully designed criteria. You will be emailed in mid-December specific details.



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When will you review my application?

We will monitor the applications coming into our system during the application period, but we will not begin the review process until after all parts of the application are complete, including parts that are coming from your school and your recommenders. You will be able to check your dashboard in the application so that you can be assured that all parts have been completed. Note that applications that are incomplete (that is, missing required items such as, but not limited to, essays and extra-curricular list) will not move forward for consideration.

When will I find out if I have been accepted?

We are planning to notify students in mid-February 2020. We notify applicants via email to log back into our online application system to obtain their status.

The selection process considers many different criteria and involves large amounts of data collection with partner middle schools. As such, the selection process is a lengthy one. Private schools, the Monmouth County Vocational School District, and other schools have selection and registration processes that are separate from the FRHSD. We are unable to accommodate requests for early decision.

If I apply to two programs, can I be accepted to both?

Yes. You can be accepted to two programs. You will have a few days to make your choice. Once you accept enrollment in one program, you give up your place in the other one.

What is the wait list and how does it work?

Because we have limited positions in each program, we begin by offering acceptance to the top students who qualify for admission. However, not all those students choose to enroll. Therefore, we offer other students who meet all the standards for acceptance a place on the wait list. As students make their choices to enroll or not, we invite students from the wait list to enroll. Because this is a fluid process, we cannot tell you your likelihood for acceptance. We encourage you to make decisions based on your interests. Students may accept a place on one or two wait lists.

What happens if I am not accepted to any program?

You will attend your home school. All FRHSD high schools offer excellent rigorous courses that will meet your interests and abilities.



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Important Dates & Application Deadlines 2019-2020

Date	Event	Notes
Wednesday, October 2, 2019	Online Application Opens	8 th graders who are zoned to attend a FRHSD school in September 2020 may begin their online application(s).
Monday, November 11, 2019	Application Completion Deadline	ALL application content must be submitted by 11:59 PM. No changes can be made after this date. No new applications can be created after this date.
Friday, November 22, 2019	Recommendation deadline	Recommenders must complete recommendations by 11:59 PM.
Saturday, December 7, 2019	Entrance Exam	The entrance exam for select programs is at Colts Neck High School. Snow date is December 14, 2019. If a student receives testing accommodations due to an IEP or 504 plan and they are taking the entrance exam, parents/guardians must contact the Office of Curriculum & Instruction directly (see below) and provide a copy in advance.
Monday, December 16, 2019	Make-Up Entrance Exam BY APPOINTMENT ONLY	If a student cannot attend the December 7, 2019 exam session due to illness or extenuating circumstances, the Office of Curriculum & Instruction will hold a make-up session at the Central Administration Office in Englishtown. This is by appointment only.
January 6 & 13, 2020 (Snow date January 14)	Fine & Performing Arts Auditions	Auditions are held at Howell High School. Applicants will be notified in mid-December of their audition date and time, as well as audition requirements. Applicants cannot request a specific date or time.
January 6, 7, 9, 13, 14, 15, 16, 21, 2020 (Snow dates January 22 & 24)	Navy Junior ROTC Interviews	Navy Junior ROTC applicants will interview at Colts Neck High School. Details will be emailed in advance.
Mid-February 2020	Status Notification	Notification of application status (accepted, waitlisted, denied) in the online system.



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OPEN HOUSE DATES 2019

PROGRAM	DATE	TIME	LOCATION
Medical Sciences	Thursday, September 26	7:00 - 8:00 pm	Freehold High School 2 Robertsville Road, Freehold
Culinary Arts & Hospitality Management	Wednesday, October 2	7:00 - 8:00 PM	Freehold High School 2 Robertsville Road, Freehold
Navy Junior ROTC	Thursday, October 3	7:00 - 8:00 PM	Colts Neck High School 59 Five Points Road, Colts Neck
Global Studies	Monday, October 7	7:00 - 8:00 PM	Freehold Township High School 281 Elton Adelphia Road, Freehold
Law Enforcement & Public Safety	Thursday, October 10	7:00 - 8:00 PM	Manalapan High School 20 Church Lane, Englishtown
Science & Engineering	Tuesday, October 15	7:00 - 8:00 PM	Manalapan High School 20 Church Lane, Englishtown
Law & Public Service	Thursday, October 17	7:00 - 8:00 PM	Colts Neck High School 59 Five Points Road, Colts Neck
Humanities	Monday, October 21	7:00 - 8:00 PM	Howell High School 405 Squankum-Yellowbrook Road, Farmingdale
Business Administration	Wednesday, October 23	7:00 - 8:00 PM	Marlboro High School 95 North Main Street, Marlboro
Computer Science	Thursday, October 24	7:00 - 8:00 PM	Freehold High School 2 Robertsville Road, Freehold
Fine & Performing Arts	Monday, October 28	7:00 - 8:00 PM	Howell High School 405 Squankum-Yellowbrook Road, Farmingdale
Animal & Botanical Sciences	Tuesday, October 29	7:00 - 8:00 PM	Freehold Township High School 281 Elton Adelphia Road, Freehold

