



FREEHOLD REGIONAL HIGH SCHOOL DISTRICT ACADEMIES

ANIMAL AND BOTANICAL SCIENCES **Freehold Township High School**

For additional information, contact Dr. David Bleakley, 732-431-8460 x3004 or dbleakley@frhsd.com

The Animal and Botanical Sciences Academy is a four-year program covering topics such as floral and landscape design, plant and animal science, greenhouse production, food science, and natural resources management. The program consists of three integral parts: classroom instruction, supervised agricultural education (SAE), and participation in National Organization for Agriculture Education (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 the Animal and Botanical Program.

COMPUTER SCIENCE **Freehold High School**

For additional information, contact Joseph Iacullo, 732-431-8360 x2014 or jiacullo@frhsd.com

The Computer Science Academy 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 **Freehold High School**

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

The Culinary Arts/Hospitality Management Academy 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 menu planning and food preparation. 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**

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

The Fine and Performing Arts Academy provides an opportunity for highly motivated students to channel and further develop their talents in the arts. A four-year sequence of classes is offered in the four possible majors: Acting, Dance, Entertainment Technology-Video, or Entertainment Technology-Music. The center 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.

NAVY JROTC **Colts Neck High School**

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

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.

LAW ENFORCEMENT & PUBLIC SAFETY **Manalapan High School**

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

This highly focused 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.