
The Academy for Environmental Studies



OPEN HOUSE

Academy for Environmental Science



LOCATED AT JEFFERSON HIGH SCHOOL, The Academy for Environmental Science provides students with the interdisciplinary study of natural processes and human impacts in the atmosphere, aquatic systems, and soils. The academy program of study links the principles of art, history, language arts, technology, biology, chemistry, physics and mathematics to environmental concepts.

FRESHMAN YEAR STUDIES INCLUDE

- Introduction to Environmental Systems
- Honors Biology
- Academy Honors English
- Honors Algebra 1 OR Honors Geometry
- Academy Honors World History

SOPHOMORE YEAR STUDIES INCLUDE

- Environmental Research Design (semester)
- Introduction to Ecological Design (semester)
- Honors Geometry OR Honors Algebra II
- Honors Chemistry
- Academy Honors English
- Academy Honors U.S. History I

JUNIOR YEAR STUDIES INCLUDE

- Environmental Engineering
- Human Ecology (semester)
- Climate Change Biology (semester)
- Academy Honors English
- AP Physics I, Physics CP OR Geophysics Honors
- Algebra 2 CP OR Honors Pre-Calculus
- Academy Honors U.S. History II

SENIOR YEAR STUDIES INCLUDE

- **College Option:** Providing students meet the academic criteria, they may attend County College of Morris, Ramapo College or Kean University for all academic and occupational courses and earn up to 24 credits, paid for by Morris County Vocational School District
- **Continue at Jefferson High School** for advanced courses/projects including:
 - Research & Field Work in Environmental Science
 - Global Issues in Environmental Sustainability
- **STRUCTURED LEARNING EXPERIENCE (SLE):** Required 120 hour Internship

***STUDENTS WHO GRADUATE FROM THIS PROGRAM** may continue post-secondary studies in Environmental Studies for careers in resource management, business, non-profits, law, conservation, or education.*

ALL INQUIRIES PERTAINING TO PRE-ADMISSION SHOULD BE SUBMITTED TO
Gina DiDomenico, Student Recruitment & Community Relations
Email: didomenicog@mcvts.org - **Phone:** 973-627-4600 ext. 277

Why this academy? Why JTHS?

- Location, location, location
- Commitment to excellence
- Career options
- College credits
- Interdisciplinary curriculum



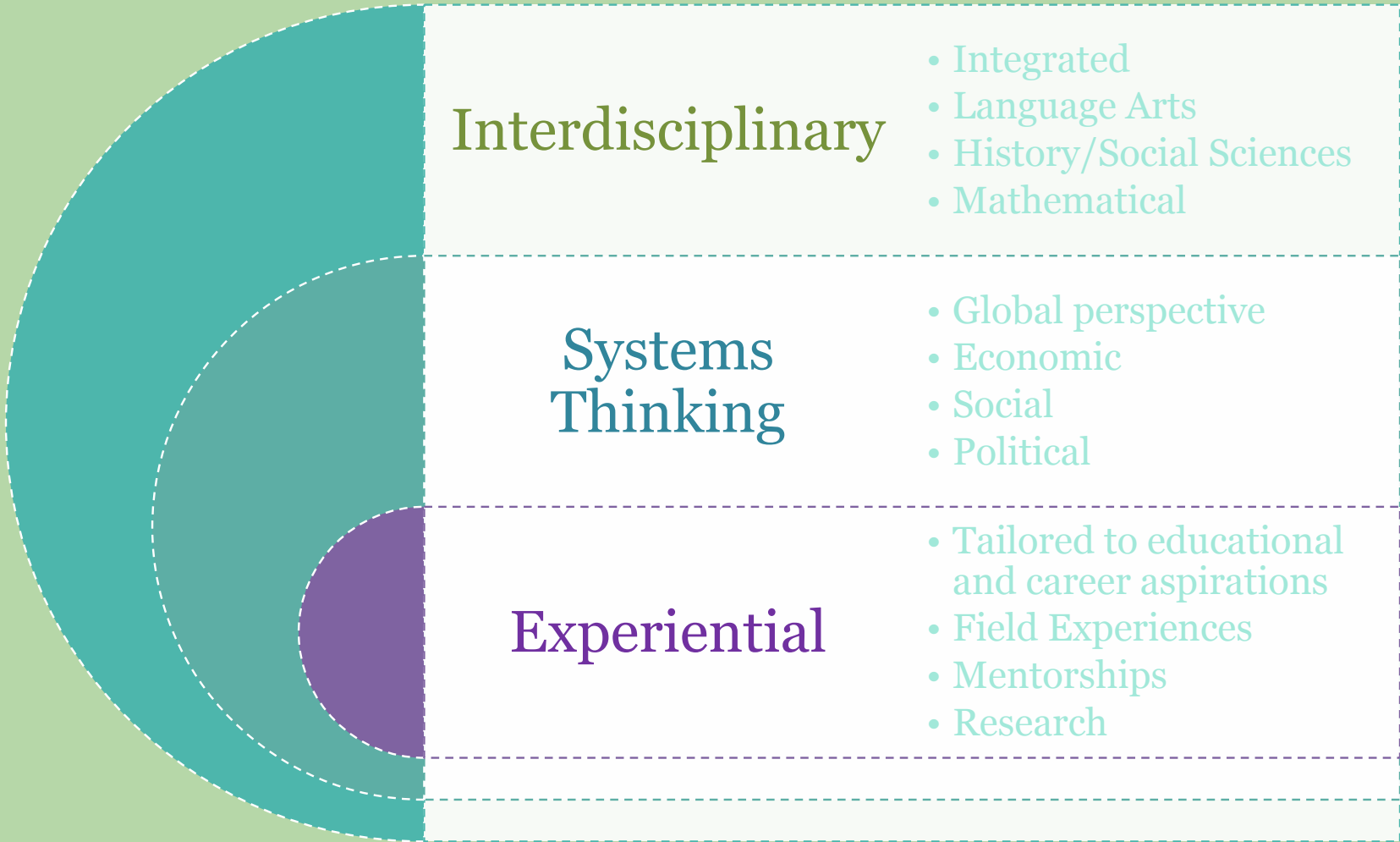
FRESHMAN ORIENTATION
STOKES STATE FOREST

Transportation

- Once accepted, the address you provide in your application will be provided to your home district's transportation department.
- Busing is provided to and from school by your home district.
- Late busing is not provided and is the responsibility of the student/parent/guardian.

What makes this program unique?

- *Interdisciplinary* approach
- Applied *Systems Thinking*
- *Experiential* -based learning



Academy Courses

- FRESHMAN YEAR STUDIES INCLUDE
 - Introduction to Environmental Systems
- SOPHOMORE YEAR STUDIES INCLUDE
 - Environmental Research Design
 - Introduction to Ecological Design
- JUNIOR YEAR STUDIES INCLUDE
 - Human Ecology
 - Climate Change Biology
 - Environmental Engineering
- SENIOR YEAR STUDIES INCLUDE
 - Global Issues in Environmental Sustainability
 - Research & Field Work in Environmental Science



Areas of Study

- Climate Change & Energy
- Community Planning & Ecological Policy
- Culture & Place
- Educational Studies
- Environmental Law & Politics
- Ethnography & Documentary
- GIS systems and mapping
- Farming & Food Systems
- Field Ecology & Natural History
- Literature & Writing
- Marine Science
- Mathematics, Physical Sciences & Earth Science
- Sustainable Business
- Arts & Design

Partnerships / Connections

- Montclair State University
 - New Jersey School of Conservation
 - NJDEP
- Lake Hopatcong Commission
- Morris County MUA
- Rockaway River Watershed
- Conservation International
- Kean University
 - Skylands Campus
- College of the Atlantic
 - Allied Whale

“You cannot get through a single day without having an impact on the world around you.

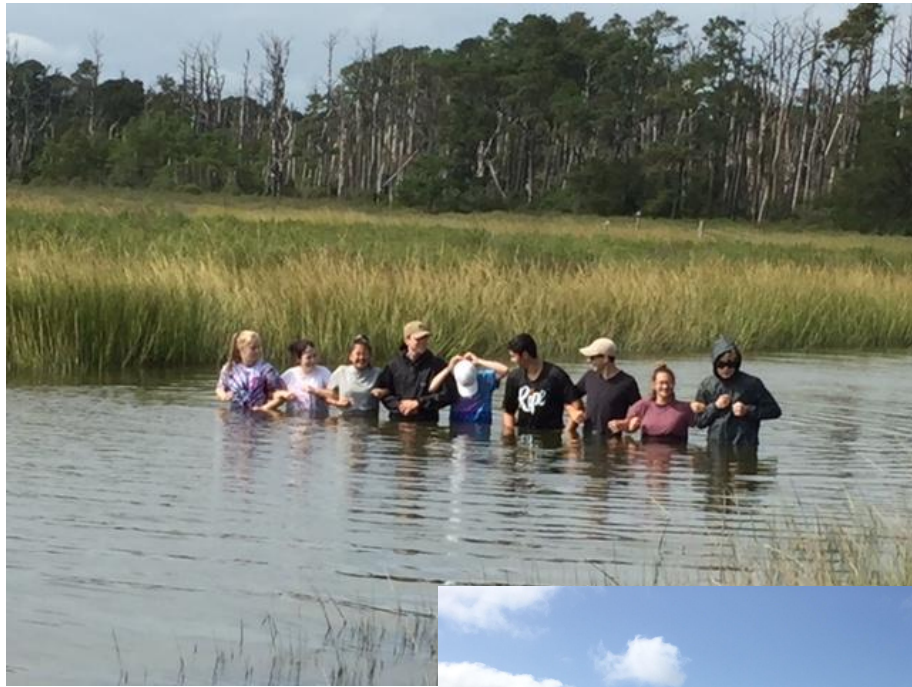
What you do makes a difference, and you have to decide what kind of difference you want to make.”

~~Jane Goodall

Outdoor Experiences



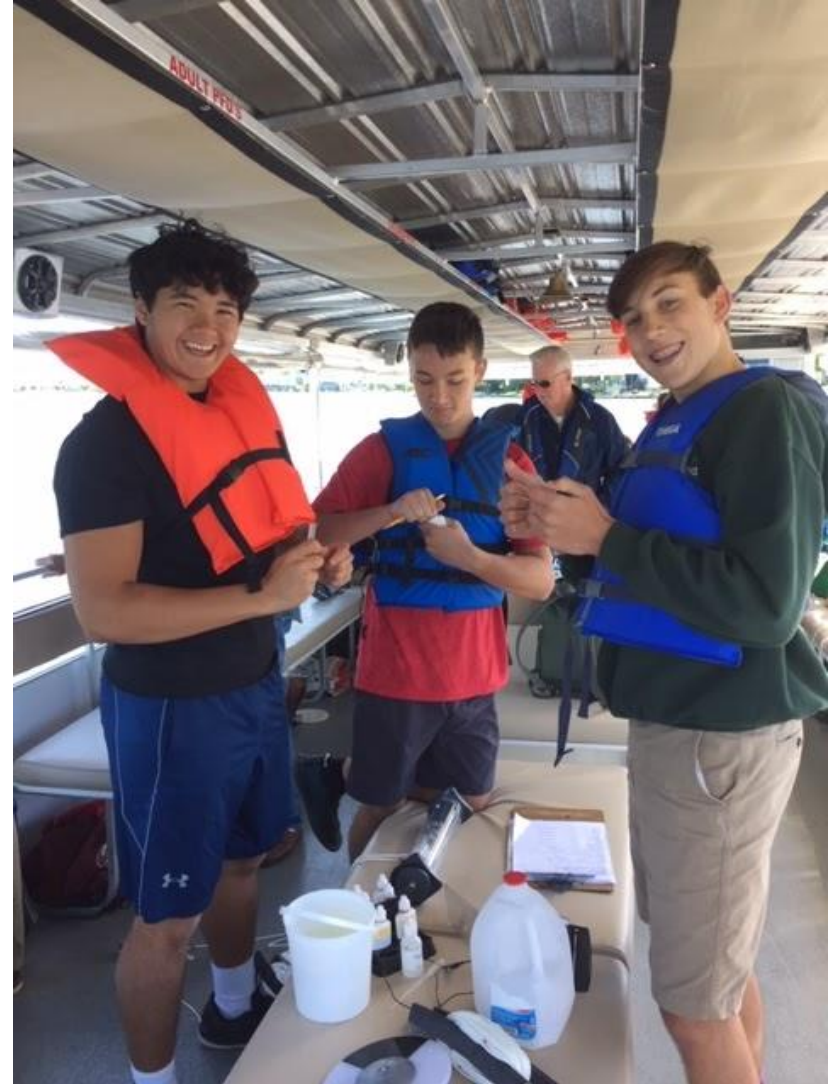
Field Trips



Field Trips



Partnerships



Presentations & Awards



Conferences



Field Research & Citizen Science



Individualized, Novel Research



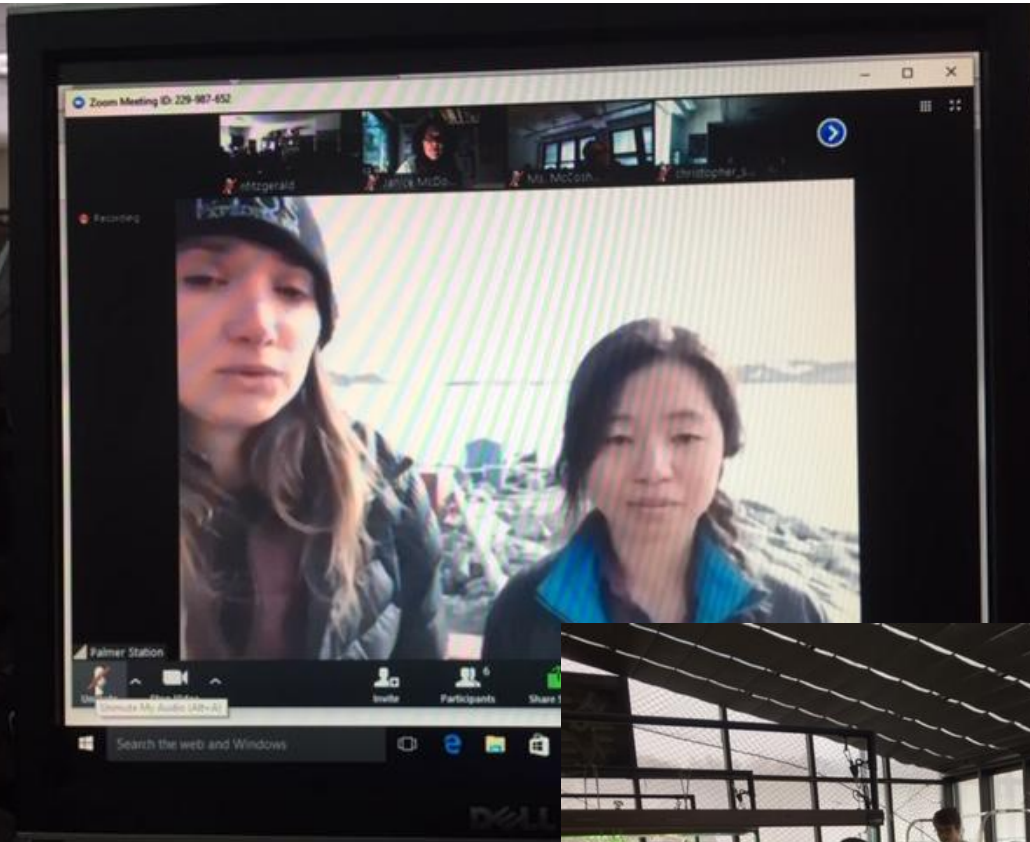
Outreach



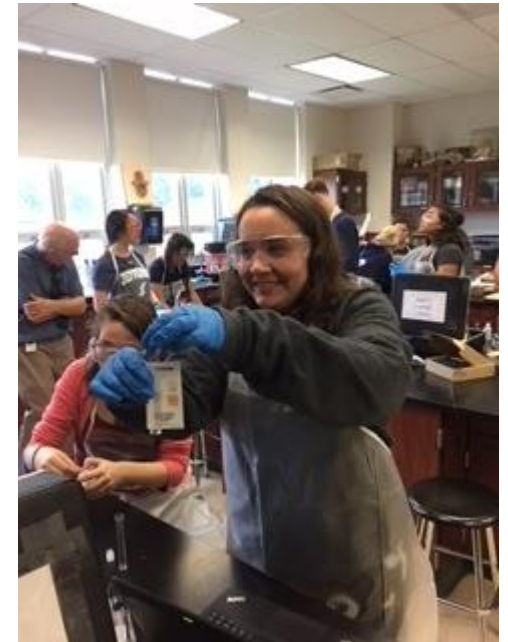
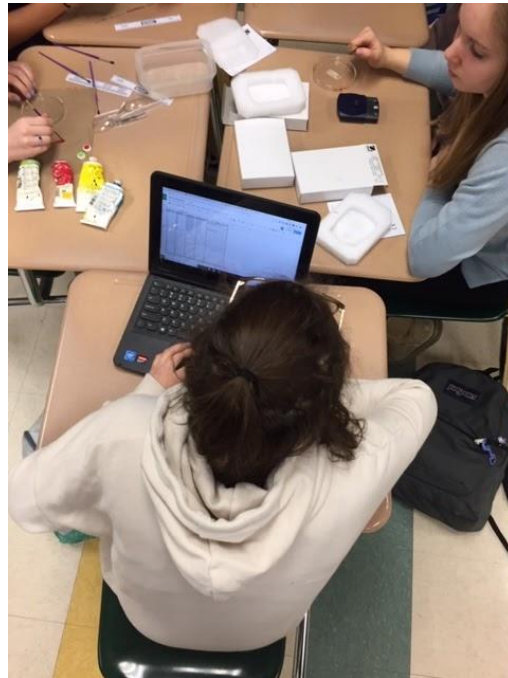
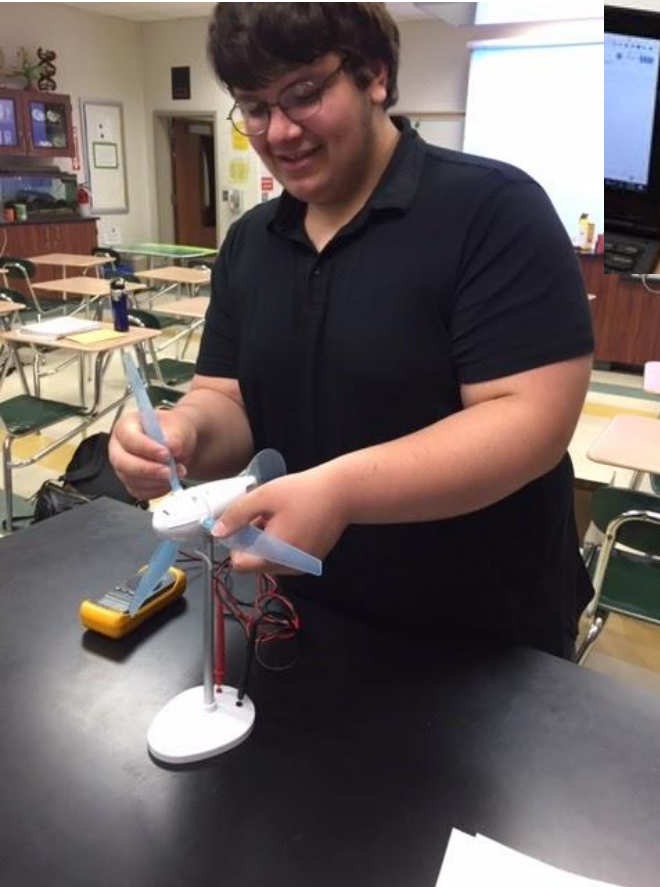
Building Community Connections



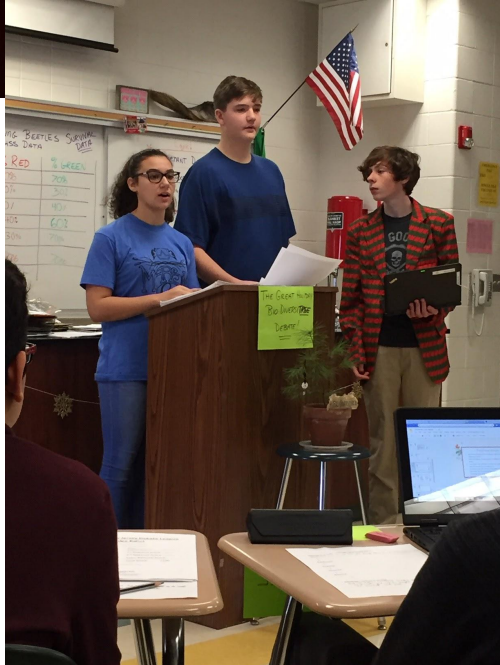
Experts in the field



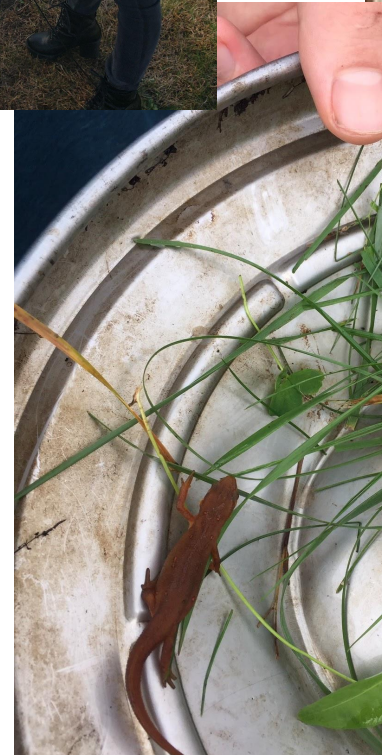
Lessons link to NGSS/ Technology



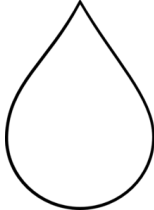
Interdisciplinary



ILTER Long-Term Ecological Research



The Academy for Environmental Studies



Create a Better World

MCSVD “How to Apply” Video



MCVSD Full Time Admissions

- The application is open from 9/16/19 - 11/25/19.
- It is accessible on the MCVSD website: [Full Time Application](#).
- You will choose your test date when completing the application.
- Your School Counselor will input final 7th grade scores, NJSLA scores, & testing accommodations/modifications (if applicable).
 - Help us to ensure this is done ASAP so your file is complete!

MCVSD Full Time Admissions

- Top students from each Academy will be invited for an interview.
- Final Acceptance results will be shared by late January to early-February.
- Accepted students will be offered a Guided Tour. This is not mandatory and only offered once.
- Your home district will be notified by the spring, but it is a good idea to communicate this information to them as well.

Important Takeaways

- You may only apply to one Academy, so choose wisely.
- Read the [Admissions Handbook](#).
 - Due to the high number of applicants, please refer to the handbook before emailing with a question.
- Check your email & [Applicant Status Page](#) daily during the process (spam folder too).
- Be proud of your hard work during admissions!