

**Mid-Hudson Young Environmental Scientists (MH-YES) Program
APPLICATION FOR RISING HIGH SCHOOL JUNIORS AND SENIORS**

Please mail this application to Education Program Specialist India Futterman at the following address:

Cary Institute of Ecosystem Studies
PO Box AB
2801 Sharon Turnpike
Millbrook, NY 12545

Call 845-677-7600 ext. 190 to receive pre-paid postage for your application.

Student Application
Submission Deadline: March 31st, 2020

PART A

Student Information:

1. Name (First, MI, Last): _____

2. Email Address: _____

3. Street Address:

Address Line 1: _____

Address Line 2: _____

City: _____

State: _____

Zip Code: _____

4. What is your ethnicity? (optional)

- Caucasian Asian
 African American Other: _____
 Hispanic

5. Complete Name of Current High School: _____

6. Current year (mark with an "x"): _____ Sophomore _____ Junior

7. Coursework: Please list the science courses you have taken so far in high school. (Include courses in which you are currently enrolled.)

Parent/Guardian Information:

- 1. First Name: _____
- 2. Last Name: _____
- 3. Email Address: _____
- 4. Phone number: _____

Teacher Reference:

Please give the following information for a teacher who knows you well and can comment on how you would benefit from and contribute to the MH-YES Program.

- 1. First Name: _____
- 2. Last Name: _____
- 3. How do they know you? _____

- 4. Email Address: _____
- 5. Phone number: _____

PART B - Please answer honestly!

Please answer each of the following questions in no more than 1-2 paragraphs:

1. Why do you want to join the program this summer? What do you hope to experience and accomplish?

2. a. Who motivates your interest in math and science? Check one box for each of the people in your life.

People	1 (Doesn't motivate you at all)	2 (Somewhat motivates you)	3 (Motivates you strongly)
<i>Myself</i>			
<i>Teachers</i>			
<i>Friends</i>			
<i>Parents/Guardians</i>			
<i>Siblings</i>			
<i>Another adult/mentor</i>			

b. Explain how the people who you ranked as "Motivates you strongly" motivate you:

3. Complete the following sentences:

a. When I do science, I feel _____ because _____

b. When I do math, I feel _____ because _____

4. Describe one positive or impactful STEM (science, technology, engineering, math) experience you've had in or out of class.

5. Describe one way STEM could affect your life in the future.

6. Explain why engaging with your local community is important to you.

7. What experiences, skills or personality traits would you bring to the program that you think will help you participate and enjoy the summer?

8. What teams, clubs, organizations, or after-school programs are you involved with?

9. What leadership positions (school, community, etc.) have you held?

10. **Can you commit to the full length of the program?** The program runs from July 6-Aug 14, 2020. Participants will work from 9am to 4pm Monday through Thursday, and from 9am-1pm on Friday. **Circle yes/no.**

If you have scheduling conflicts, what dates or times would you not be available to participate?

If you have potential conflicts that are not yet finalized, when will you know about these conflicts?

PART C - ESSAY

Applicants must submit one 200-400 word essay on the prompt below. Please attach either a typed or a *legible* handwritten copy of your essay to this application.

What does environmental science mean to you? You may write about any topic of interest to you, such as climate change, pollution and toxins in the environment, invasive species, waterways, urban sprawl, plant life, or another of your choosing. In your essay, include the local or global implications of the topic and at least two ways you could address the problem towards an impactful solution.

Students will be notified by May 1, 2020 via email by berkowitza@caryinstitute.org about their applications; please add this email address to your address book to avoid messages being routed to spam folders.