Name:

Horace Greeley Science Research Application Form

This 3-year program is for highly motivated sophomores possessing keen interest in science. Students will learn a number of basic skills required to conduct science research. Students will pursue a topic of interest and focus on that topic during the first year. The science research skills that students develop in the course include literary search techniques, oral and written presentation skills, problem solving and experimental design. Students will be prepared to pursue independent research should they choose to continue in the advanced science research program for years 2 and 3. This course is optional and taken in addition to a core science course. Recommended GPA pre-requisite: 3.5 in Living Environment, English, Math. Students are required to submit part I of this application by Jan 30 and complete the in-person writing task on Feb. 1 or Feb. 2.

Please supply all the information requested below and return the form as an attachment to an email no later than **Monday, 1/30/23 at 5:00 PM** to sibrutsaert@chappaquaschools.org. **Late applications will not be accepted.**

Name: _____

Last, First

Guidance counselor: _____

This Year's Classes:

COURSE	NAME/NUMBER	TEACHER	Leave this column blank (for committee use)
Science			
Math			
English			

Name:

Part I:
All applicants must respond to the At Home Writing Prompt below. This portion of the application is due on **Monday January 30, 2023 at 5pm**. ***Late submissions will NOT BE ACCEPTED***.

Part II:
After completing part I, all students are required to complete a 30 min writing task after school on **Wednesday February 1, 2023 OR Thursday, February 2nd at 2:45 pm in K110**.

Please select the date when you will complete the in-person writing assignment:

- ☐ 3:00 - 3:30 pm Wednesday February 1, 2023
- ☐ 3:00 - 3:30 pm Thursday February 2, 2023

AT HOME WRITING PROMPT (part I)

1. Please adhere to the following guidelines:
    a. Response must be in your own words.
    b. Double spaced
    c. 1-inch margins
    d. 12 pt. Times New Roman font
    e. Make sure your name is on every page in the top right header
    f. Response should be 750 or fewer words.
    g. Check all spelling and grammar.
    h. Both you and a parent/guardian must sign this application.

2. Choose **one** of the articles from Science News for Students from the links listed below. Please address the following questions and points:
    - Explain the research in this article
    - What interests you about the research topic or experiment(s) discussed in this article?
    - Describe and discuss any science related connections from the article to what you have learned previously.
    - What would you do next if you were the researcher?
    - What questions would you ask the researchers if you had the opportunity to talk to them?

    Please use your own words and work alone. Do not plagiarize or use other people to help construct your answers.

3. Attach this application with your response to the writing prompt in an email to sibrutsaert@chappaquaschools.org. **Due: MONDAY January 30, 2023 at 5 PM**

Student statement:
I certify that the work and writing that I have submitted in this application is my own. Be sure to sign either as an electronic signature or print the form and scan it (a picture would also be acceptable).

Student Signature: _____ Date_____

Parent Signature: _____ Date_____

Name:

Links to choose from to write your essays:

- **Microplastic pollution aids viruses and prolongs their infectivity**
- **The science of ghosts**
- **NASA is readying to send humans back to the moon**
- **Fossil-fuel use is confusing some carbon-dating measurements**
- **The ultimate genealogical search hunts for our earliest ancestors**
- **Will the internet soon reach the one-third of people without it?**
- **From icebergs to smoke, forecasting where dangers will drift**
- **A shape-shifting robotic tooth-cleaner might one day brush for you**
- **Forensic scientists are gaining an edge on crime**
- **No sun? No prob! A new process might soon grow plants in the dark**

Write your response here: