

ENVIRONMENTAL SCIENCE SYLLABUS

PEEKSKILL HIGH SCHOOL



Teacher Contact Information:

Email: dchrist@peekskillschools.org

Room: 201A (Class) 203 (Official Room)

CallBack Hours: 2:44 to 3:00

I. Course Description:

Environmental Science is a year-long course designed to show thematic connections between a variety of science disciplines including biology, chemistry, and physics. It gives students a coherent and realistic picture of the applications of a variety of scientific concepts as they manifest in our environment. This course will focus on human population growth, natural resources, and ecosystem dynamics. The aim of this course is to increase students' knowledge of the environmental challenges of today, while continuing to cultivate scientific critical thinking skills.

II. Text:

Online Resources

III. Materials Required Daily (For Virtual):

- 1) Binder, Pen / Pencil, Class materials provided
- 2) Chromebook/Computer
- 3) Positive Attitude

IV. Course Content Skills and Standards

A. Science Skills

Students will:

- Use science process skills in laboratory or field investigations, including observation, classification, communication, metric measurement, prediction, inference and, collecting and analyzing data
- Use traditional reference materials to explore background and historical information regarding a scientific concept
- Learn and use, on a regular basis, standard safety practices for laboratory or field investigations
- Identify the significance of accurate, precise, and subjective/objective measurements, use of reliable tools, safety measure, and career training in environmental monitoring

B. Some Course Content Standards

STUDENTS WILL...

A: Investigate the flow of energy and cycling of matter within an ecosystem and relate these phenomena to human society.

B: Demonstrate an understanding that the Earth is one interconnected system.

C: Describe stability and change in ecosystems.

D: Understand and describe availability, allocation and conservation of energy and other resources

E: Recognize that human beings are part of the global ecosystem and will evaluate the effects of human activities and technology on ecosystems

V. Classroom Format, Requirements, and Evaluation:

This course uses a variety of classroom methods, including lectures, class discussions, group work, individual work, labs, field studies, student written and oral projects, and active student participation. Students are expected to participate in, and complete all aspects of required work to the best of their ability.

Tests and quizzes will be given regularly throughout the semester, with a comprehensive final exam at the conclusion of the semester.

VI. Grading System:

Student grades will be recorded in the district mandated on-line portal, Infinite Campus.

Pending District Policy / PACE Grading Practices

VII. Student Success:

I am very interested in the success of every student. If you are having trouble with a particular assignment or concept, do not hesitate to seek help from me. I am available for extra help during office hours, and also before and after school by appointment. Students and parents are encouraged to also use email in order to contact me at dchrist@peekskillschools.org

VIII. Policies & Procedures:

i. ATTENDANCE:

In order to succeed in this class a student **MUST** be present. After returning from an absence, it is the student's responsibility to provide the instructor with an excuse form issued by the attendance office within 3 days of returning from an absence.

It is the student's responsibility to retrieve the assignments and the notes missed when absent for any reason. Remember: **STUDENTS ARE RESPONSIBLE FOR MAKING UP ALL ASSIGNMENTS AND NOTES MISSED DUE TO AN ABSENCE FOR ANY REASON.**

ii. TARDINESS:

Tardy students will not be admitted into the classroom without an excuse from the attendance or the discipline office. A student is considered tardy if they are not inside of the classroom when the tardy bell rings. **Loitering in the hallway or at the classroom door until the bell rings is prohibited and will result in disciplinary action.**

iii. MAKE-UP WORK:

It is the student's responsibility to inquire about what assignments, notes, and class work they have missed when they are absent with an excuse for any reason. **Work turned in after the due date will be graded for reduced credit.**

iv. ACADEMIC INTEGRITY:

Do your own work. Plagiarism will not be tolerated. While it is expected that students will discuss homework and classwork assignments, a student should never submit another person's work or ideas as their own. Quizzes, tests, and exams are always individual assignments and are never collaborative.

When group work is assigned, all members of a group are expected to complete every part of that assignment themselves, in tandem.

v. CLASSROOM CONDUCT:

It is necessary for all students to present themselves in a mature and appropriate manner that creates the best learning environment for everybody. Students must maintain respect for themselves, other students, the instructor, and our community at all times. Inappropriate behavior will result in the involvement of the student's parent/ guardian and the school administration to aid in both correction and disciplinary action.

PARENT/STUDENT SYLLABUS FORM

Please read, sign, date, and return this page of the syllabus to Ms. Christ
*****(for a homework/class work grade)*****

STUDENT NAME (PRINTED): _____

CLASS PERIOD: _____

A Note to Parents & Guardians:

Please feel free to contact me with any questions and concerns you have regarding your child's success. The best way to contact me is via email. My school email address is : dchrist@peekskillschools.org. Likewise, I will not hesitate to contact you if I think that it is necessary. If you do not use email you may leave a message for me by contacting the PHS main office at 914-737-0201, or schedule a conference with me through your child's counselor.

We, the undersigned, have read and fully understand the guidelines for Ms. Christ's Environmental Science class. I agree to abide by these guidelines, and all school policies throughout the school year.

Student Signature & Date

Parent/Guardian Signature & Date

Parent Guardian Contact Information
(TO BE COMPLETED BY PARENT/GUARDIAN)

Name: _____

Best Contact Phone Number: _____

Email: _____