

Environmental Science Syllabus 2021-2022

Teacher: Mrs. Julie Andrews

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Phone: 478-218-7537, ext. 64919

Course Description

The Environmental Science Georgia Standards of Excellence are designed to continue the student investigations that began in grades K-8. These standards integrate the study of many components of our environment, including the human impact on our planet. Students investigate the flow of energy and cycling of matter within ecosystems, and evaluate types, availability, allocation, and sustainability of energy resources. Instruction should focus on student data collection and analysis from field and laboratory experiences. Some concepts are global; in those cases, interpretation of global data sets from scientific sources is strongly recommended. Chemistry, physics, mathematical, and technological concepts should be integrated throughout the course. Whenever possible, careers related to environmental science will be emphasized.

Course Outline – Georgia Standards of Excellence (GSE)

SEV1. Obtain, evaluate, and communicate information to investigate the flow of energy and cycling of matter within an ecosystem.

SEV2. Obtain, evaluate, and communicate information to construct explanations of stability and change in Earth's ecosystems.

SEV3. Obtain, evaluate, and communicate information to evaluate types, availability, allocation, and sustainability of energy resources.

SEV4. Obtain, evaluate, and communicate information to analyze human impact on natural resources.

SEV5. Obtain, evaluate, and communicate information about the effects of human population growth on global ecosystems.

Required Materials

- Composition notebook

- Pencils/pens

Grading

Grades will be updated weekly and available to parents and students via Infinite Campus; students and parents should check grades regularly. This course includes a cumulative exam at the end of each semester. There will be no extra credit given during the course. The *semester average* will be determined as follows:

Major Assessments	45%	Daily Work	15%
Minor Assessments	20%	Final Assessment	20%

Tutoring

Tutoring will be available every Tuesday and Thursday 3:00pm-3:30pm; however, other times can be arranged by communicating with the teacher.

Textbook: Heithaus, M. R. and K. Arms. 2013. Environmental Science. Houghton Mifflin Harcourt. (Cost: \$99.95)

Google Classroom

To encourage blended learning, online assignments will be posted weekly through Google Classroom. At least one Google Classroom assignment per week will be graded and entered in Infinite Campus. Students should be familiar with how to navigate the online platform, communicate with their teacher, and submit assignments on time. If there are technology limitations, please notify the teacher.

Honor Code

The academic integrity of courses at VHS is of the utmost importance; as such, cheating or academic dishonesty will not be tolerated. If a student cheats or plagiarizes on any assessment, the result is a zero as a placeholder until the student has had the opportunity to demonstrate learning on an alternate assignment; the teacher must make parent contact. If the cheating or plagiarism occurs on a major assessment, the student should be referred to an administrator for review. Cheating or plagiarism on a major assessment will also result in alternative discipline or in-school suspension. The ISS assignment will be progressively graduated if it is a repeated offense.

VHS Retesting Policy

Students may re-take two major assessments per semester, after completing test corrections and/or tutoring/remediation, with the exception of county math requirements. No re-testing is allowed in AP courses. Additionally, a re-test cannot replace a zero for a task never initially completed.

Teacher Procedures and Expectations

Students are expected to adhere to the VHS Student Code of Conduct at all times.

Classroom Behavior

- Arrive ready for class; be an active participant in class and/or lab every day.
- Treat everyone with respect. Be polite toward the teacher and your classmates.
- Food and drink other than water are not permitted.
- Take pride in the class and lab by helping to keep it clean.
- BYOD: Electronic devices may be visible/used ONLY on days when the teacher grants permission.

Attendance

- Students should make every effort to be in class every day. If absent, please communicate with me as soon as you return to school to get missed work.
- If a test is missed, it is the student's responsibility to schedule a day to make-up the test within 5 school days. If a lab is missed, it will be the teacher's discretion if an alternate assignment or make-up lab is provided.
- If you are not in the classroom when the bell rings, you will be marked tardy.

Consequences

- Minor disruptions/infractions will receive warnings, conferences, and/or parent phone calls.
- Repeated minor offenses will result in detention.
- An office referral will occur for major disruptions/infractions, failure to serve assigned detention, or after repeated detention assignments.

Please return this page to Mrs. Andrews no later than Friday, August 6, 2021

Printed Student Name

Class Period

Lab Safety Contract

General Lab Safety Rules

- Follow all written & verbal instructions as provided
- Wear proper eye/clothing protection at all times.
- Conduct yourself in a responsible & safe manner in the laboratory environment.
- Be knowledgeable of equipment, safety symbols, & techniques required for each lab.
- Know where/how to get help in an emergency, including the location of the first aid, safety shower, eye wash, fire extinguisher, and fire blanket.

Students must pass a lab safety quiz with an 80 or higher to be permitted to participate in lab activities.

I have read, understand, and agree to follow the lab safety rules outlines above, located in the lab safety materials, and any others provided in the future. I will conduct myself safely & appropriately at all times in the lab environment. I understand that failure to do so may result in not receiving credit for the lab and/or an office referral.

Student Signature

Date

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Parent Acknowledgement

I have read the information provided in the course syllabus and understand the policies, procedures, and expectations. I will support Mrs. Andrews' efforts to ensure my student is successful in this class. I acknowledge that my student must abide by the lab safety rules as outlined above and any others provided by Mrs. Andrews. I have contact information to communicate with Mrs. Andrew if needed:

Email: julie.andrews@hcbe.net

Phone (478) 218-7537, Ext. 64919

Print Parent Name

Parent Phone Number

Parent Signature

Date

Parent Email