

Environmental Science

Mrs. Jennifer Bolton
Room 1222
Jennifer.Bolton@hcbe.net
(478) 218-7537 ext. 64680

Syllabus & Class Expectations



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. Chemistry, physics, mathematical, and technological concepts should be integrated throughout the course. Whenever possible, careers related to environmental science should be emphasized.

More detailed information and current standards can be about this course can be found at:

<https://www.georgiastandards.org/Georgia-Standards/Documents/Science-Environmental-Science-Georgia-Standards.pdf>

Course Content & Topics of Study:

FIRST SEMESTER (Environmental Science A)

- Safety & Scientific Processes
- Energy & Matter in Ecosystems
- Stability & Change in Ecosystems
- Effects of Human Population Growth on Global Ecosystems

SECOND SEMESTER (Environmental Science B)

- Human Impacts on Natural Resources
- Energy Resources
- Culminating Sustainability

Materials

Textbook: *Environmental Science* (Classroom Set or Online Only)

- 3-ring binder & dividers (set of 12)
- Notebook Paper
- Pencils, Pens (blue or black ink)
- Dry erase markers
- Scientific Calculator (*TI-30 series is preferred & can be used in future Chemistry & Physics classes*)
- Colored Pencils/Highlighters/Notecards (*Optional*)
- *Box of Kleenex OR Hand sanitizer to be used in our classroom (Optional)*

Grading

Grades will be updated weekly and available to parents and students via the infinite campus parent portal. Students and parents should check grades regularly. This course includes a cumulative exam at the end of each semester. The *semester average* will be determined as follows:

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

YOUR GRADES

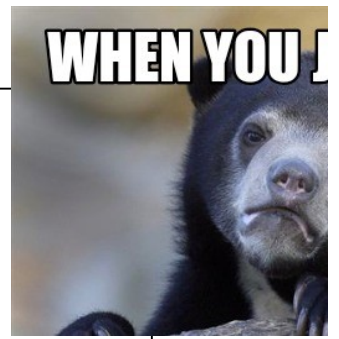
are
EARNED
not
GIVEN

Tutoring/Remediation

I will be available for tutoring on Wednesdays in room 1222 from 3:10-4:10. Additional opportunities will be provided during SOAR sessions throughout the semester and during designated class time.

Honor Code

Cheating will not be tolerated, and IT DOESN'T ULTIMATELY HELP YOU LEARN! Any student involved in copying assignments, tests, and/or answers (physically or electronically) will not receive credit for the assignment and may be referred to an administrator for review. Parents/guardians will be notified should their student lose credit for any class grade due to an honor code violation.



Classroom Rules:

1) Be Ready

Arrive ready for class; be an active participant in class and lab every day.

2) Be Responsible

Bring needed supplies to class every day.

3) Be Respectful

Treat everyone with respect. Be polite toward the teacher and your classmates.

Food and drink are not permitted (except water in closed containers in the classroom).

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

Consequences:

If any student should fail to comply with the classroom rules, he/she will receive:

1st. A warning

2nd. Parent contact and possible 15-minute detention

3rd. Parent contact and an office referral

*Note: The time of detention is nonnegotiable and will be held in room 1222 from 3:00-3:15. Be prepared to do homework or complete classroom chores. Failure to report to detention will result in Administrative Detention. Please see the VHS Student Handbook.

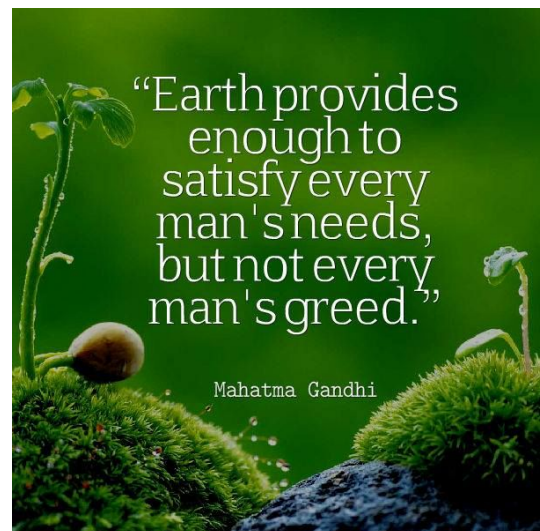
VHS Retesting Policy

Students will have the opportunity to re-take two major assessments per semester, after completing tutoring/corrections. A re-test cannot replace a zero for a task never initially completed.

Additional Tools & Resources:

Chromebooks: All students are issued a district-provided chrome book for instructional purposes, student engagement, and student learning. Chrome book use is at the direction and discretion of the classroom teacher.

Canvas: To encourage blended learning, online assignments, communications, and additional instructional resources will be posted through Canvas. Students should be familiar with how to navigate the online platform, communicate with their teacher, and submit assignments on time. If there are limitations with technology, please notify the teacher.



PARENT/Student ACKNOWLEDGMENT
Environmental Science
Mrs. Bolton

By signing below, I acknowledge that I have received, read, and understand the objectives, student expectations, classroom rules and procedures, grading policy, disciplinary consequences, textbook information, materials required, and tutoring information provided in the syllabus for the Environmental Science course. I will support Mrs. Bolton's 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. Bolton. I have contact information to communicate with Mrs. Bolton as needed.

Parent/Guardian, please include your e-mail address and the single best phone number at which to contact you between 7:15-3:30.

Student Name (Print): _____ Period: _____

Parent Guardian Name (Print): _____

Phone number: _____

Parent/Guardian E-mail Address: _____

Student Signature

Date

Parent/Guardian Signature

Date

Comments: _____

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.

Questions:

1. Do you wear contact lenses? YES NO
2. Are you color blind? YES NO
3. Do you have allergies? YES NO If so, list specific allergies:
4. Is there any medical condition that I need to be aware of? If so, please list:

I have read, understand, and agree to follow the lab safety rules outlined above, located in the lab safety materials, and any others provided in the future. **I will always conduct myself safely & appropriately 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

Dear Parent or Guardian:

We feel that you should be informed regarding the school's effort to create and maintain a safe science/laboratory environment. With the cooperation of the instructors, parents and students, a safety instruction program can eliminate, prevent, and correct possible hazards. You should be aware of the safety instructions your son/daughter will receive before engaging in any laboratory work. No student will be permitted to perform laboratory activities unless this contract is signed by both the student and the parent/guardian and is on file with the teacher. All students must also pass a lab safety quiz with an 80 or higher to be permitted to participate in lab activities.

Your signature on this form indicates that you have discussed the importance of lab safety in the laboratory with your son/daughter, are aware of the measures taken to ensure the safety of your son/daughter in the science laboratory and will instruct your son/daughter to uphold his/her agreement to follow the rules and procedures in the laboratory setting.

PARENT/GUARDIAN SIGNATURE

DATE