Environmental Science

**Contact Information**

**Mrs.Nazneen:** [nazneens@jefferson.k12.ga.us](mailto:nazneens@jefferson.k12.ga.us)

**Online Office Hours:** M (9-10 A.M.)

**School Phone:** (478) 625 – 9991

**Materials/Apps to Download**

* 3-Ring Binder/Notebook, inexpensive calculator, pens, pencils
* iClicker Remind, Flipgrid
* Google Classroom
  + **1**st Period Classroom Code: daehjnv

**General Course Description**

This course is designed to provide students with a greater understanding and appreciation for the physical, biological and information sciences of the environment with solutions to environmental problems. Not only will you gain knowledge pertaining to the environment, but you will also gain a new perspective on the way that the environment supports and sustains life on Earth. on Earth. Students must possess a moderate - high skill level in problem solving and application of the scientific method; these skills are necessary to succeed in this course. I am willing to help those who are willing to help themselves.

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| --- | --- | --- | --- |
| **1st 9 Weeks** | **Days Allotted** | **2nd 9 Weeks** | **Days Allotted** |
| Unit 1:  Flow of Energy and Cycling of Matter | 15 Days | Unit 3:  Energy Resource and Consumption | 15 Days |
| Unit 2:  Stability and Change in Earth’s Ecosystems | 15 Days | Unit 4:  Human Impact | 15 Days |
|  |  | Unit 5:  Human Population Growth | 15 Days |

**Work Ethic Expectation:**

Students will be given challenging projects and assignments. High quality work is expected. All assignments **MUST** be completed on time and at the proficient or exemplary level. **If the work is below the proficient level, then the assignment may be revised until it is at the proficient or exemplary level.** When revisions have been made to demonstrate mastery of Georgia Performance Standards, students will receive the highest grade, not an average grade. The format of this class will consist of lectures, discussions, whole and small group work, and presentations. Assignments will consist of in-class and out of class assignments, and reading/writing assignments.

**Class Expectations**

All students are expected to follow the 3R’S within the classroom. The rules are posted in the room and online as a gentle reminder of how you are expected to behave. The class will collectively devise the class rules. Each student and guardian will sign a contract stating that they understand that they agreed upon those rules. In the event that you, the student, decide to break the rules or stray away from the signed agreement, corrective action will be taken.

* **1ST violation: Warning by teacher ---- name in behavior log**
* **2nd violation: 30 seconds after class to reflect on behavior**
* **3rd violation: Parent Contact**
* **4th violation: 1 page journal entry (What did you do wrong? Why did you do it? Why do the adults care? What would have been a better solution?, etc..)**
* **5th violation: Referred to administrator**

**Online Expectations**

The beginning of Fall 2020 will be online. At the top of the syllabus, I have included apps to download. Please sign up with your school email. More apps may need to be downloaded as we progress through the semester. Just like the classroom, virtual learning upholds students to the highest standard along with expectations that are to be met. Click the link below to access the expectations for online learning. By signing the document below, both guardians and students, state that you have read the expectations and will abide by them.

* [JCHS BEHAVIOR MATRIX](https://drive.google.com/file/d/1Mp7ZIg_ONsW8W79bDdvjb6007OxI5kmr/view?usp=sharing)

**Lab Rules**

* All students and AT LEAST one guardian must sign a Student Safety Contract before starting any laboratory activities.
* Always follow the safety procedures and practices.
* There is no tolerance for ANY type of misconduct. Therefore, there is no warning for the students that are misbehaving. They will simply be asked to sit at their desk to work on other assignments. They will receive a zero for the laboratory activity.
* Failure to do expectations result in students being issued a detention or suspension depending on the nature of misconduct.

**Laboratory Safety**

* No laboratory work shall be performed by a student without the direct supervision of the teacher. Under no circumstances is a student allowed to work in the laboratory alone.
* You will be instructed at the beginning of each laboratory period, as to the potential dangers that may be encountered and the proper precautions that are required to eliminate or reduce such hazards.
* Read all directions for the experiment before attempting to work. Ask questions if you don’t understand any part of the directions. No changes from the instruction will be allowed without permission from the teacher.
* Never perform any activity that is not authorized or supervised by the teacher.
* Do not operate equipment without operating instructions or specific permission from teacher (i.e. Bunsen burner or centrifuge).
* No eating, drinking, or application of cosmetics is allowed in the laboratory.
* Always wash hands after handling chemicals, plants, animals or dissection tools.
* Careless behavior in a laboratory can cause accidents. HORSEPLAY, teasing, LOUD TALKING, TOSSING OBJECTS, and moving outside your assigned lab area are not allowed in the laboratory.
* All personal possessions such as books, coats, papers, which are not related to the laboratory procedure, should not be brought into the laboratory work area.
* Each laboratory student will be made aware of the use and location of all safety equipment.
* At the completion of the laboratory period or when an experiment is complete, return all equipment to proper storage and clean the work area.

**Grading System**

* Georgia Performance Standards: 80%
  + Labs
  + Lab Reports
  + Quizzes
  + Bell Work/ TOTD
* Exams: 20%
  + 9 weeks exams

**Exams:** A midterm and final exam will be given covering the first half and second half, respectively, of the material presented in the semester. Study guides will not be provided.

**Labs and Lab Reports:** Students will be given various labs regarding relevant content throughout the semester in which pre- and post-lab questions will be graded.

**Assessments/Quizzes:** Each sub-standard will have at least 1 formal assessment. There will then be a comprehensive assessment at the end of the standard.

**Bell Work and Ticket-out-the-Door:** Bell work and TOTD will be used as evaluation mechanisms. Students must complete bell work and ticket-out-the-door work as these assignments can/will be graded either for accuracy or completion to assess what knowledge the student has attained.

**Homework:** Your homework grade will be given and evaluated in many ways. This can range from a notebook check to take home activity. In other words, ALWAYS BE PREPARED. Late homework will NOT be accepted. If this is the case, please contact me.

**Makeup Policy**

In environmental science, students will receive standards based instruction. Students will be given challenging projects and assignments. High quality work is expected. All assignments should be completed on time, and at the proficient or exemplary level. If the work is below the proficient level, then the assignment will be revised until it is at the proficient or exemplary level. The format of this class will consist of lecture, discussion, hands-on activities, and whole and small group work. Assignments will consist of in-class and outside of class work, and weekly reading and writing assignments. **Students are expected to keep up with their Google Classroom. The last day for late work is December 11th.**

**Tardy Policy**

Each time you are not in the classroom when the tardy bell sounds, report to the tardy room on your hallway to receive a tardy pass.

Dear Parent(s)/Guardian(s),

I am pleased to have your child in my class this block. I am looking forward to a good and successful year. In order for this to happen, we must work together. If you have questions or comments, you can reach me at 478-625-9991. The best time to reach me during the day is between 8:00 A.M.-3:00 P.M. Classroom/Online rules and expectations will be followed on a daily basis, as well as the consequences, if the student does not adhere to these rules. Any extreme violations of the rules will result in an immediate referral to the office. I reserve the right to collect all materials that are not necessary for this class. I will return the items to the student or the parent at my discretion. I hope that you have found the information, above, necessary to maintain an orderly classroom and online environment so that learning can take place. Please return this page with both the student’s and parent’s/guardian signatures and parent contact number, within two school days on Google Classroom or through email. **A copy of the syllabus can always be found on the Google Classroom.** To reach the google classroom have your student login to their school email, then go to classroom.google.com.

Thank you for your time and cooperation. I look forward to working with you in the future.

Sincerely,

JCHS Science Department



**I have read all of the information in this packet, and I understand the expectations, rules, and the consequences therein.**

Student’s Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Contact Number ( )\_\_\_\_\_\_\_\_\_\_\_\_\_\_ -\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent email address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Comments:**

*\*Signing this sheet and returning it by \_08/14/2020\_, your student has earned the first 5 points of their first assignment*