

Environmental Science Honors Coffee County Raider Academy

Instructor: Mrs. Lindsey Newman

Room: 304

Email: newmanL@k12coffee.net

Course Objective: Honors Environmental Science is a life science course that emphasizes the study of terrestrial and freshwater ecosystems, environmental issues, techniques of laboratory and field studies, and sources and control of pollution. The content includes energy flow, ecosystems, biomes, native flora and fauna, pollution, and environmental law. The course provides students with an opportunity to develop an understanding of interrelationships in the natural world. In addition, it allows them to identify natural and man-made environmental problems and design and evaluate possible solutions for these problems. Honors ES is a college preparatory class focused on readying students for Biology in their sophomore year. The honors class has a requirement for independent study and research each semester.

The standards for this course can be found beginning on page 89 of the following link: <https://tinyurl.com/env-sci-standards>

Required Textbook: HMH Environmental Science ©2013. Textbooks are provided in class, for check-out if requested or accessed on Google Classroom per unit.

Course Requirements

Students are asked to do his/her own work and follow all instructions in the class. Each student is expected to come to class with paper, pencil, and other materials that are necessary as deemed by the teacher. Students are expected to attend class daily, be on time, and participate in all class activities. Each student must take and **PASS** a safety exam before they will be allowed to participate in lab activities.

Required Materials

- 3-ringed binder (1 inch or larger)
- Notebook paper
- Pencils
- Earbuds
- Colored pencils
- 1 pack of index cards

Environmental Science Notebook

All students are required to keep a notebook in this class (using the 3-ringed binder). This notebook will be used for all activities, notes, classwork, lab results, etc. Procedures for setting up the notebook will be covered in detail the first full week of class. This notebook counts as a major grade.

Lab Fee

There is a lab fee of \$10 for this course. This is used to cover supplies needed to provide hands-on learning experiences for students. This needs to be paid no later than the end of Week 3.

Accessing Instructional Materials

Instructional materials are available at Coffee County Raider Academy; please email me at newmanL@k12coffee.net. Materials can also be viewed on Google Classroom. Grades can be accessed via Synergy through the Coffee County Raider Academy website.

Environmental Science Honors Coffee County Raider Academy

Evaluation

- Grades will be assigned to ALL work
- A weighted grading scale will determine the grade:
 - 60% Daily Assignments/Labs/Quizzes
 - 40% Tests/Projects
- *Semester exams count for 15% of the semester grade in which it is given.
- MAKE UP WORK IS YOUR RESPONSIBILITY. You will have 3 days to turn in the missing assignment.

Grading Scale:

A	90-100
B	80-89
C	70-79
D	60-69
F	0-59

**Four projects will be required in this class, one each quarter: Endangered Species Research, Biome Project, Volcano Project, and Leaf Collection. Further information will be given at a later date. **

Topics Covered:

1st Quarter

Lab Safety
Science & the Environment
Biosphere
Ecology

2nd Quarter

Biomes
Biodiversity
Atmosphere
Biogeochemical Cycles

3rd Quarter

Geosphere
Minerals & Rocks
Soil

4th Quarter

Water
Land Use & Resources
Environment & Human Health

*Pacing guide subject to change during the year.

**Reading and/or writing will be incorporated into classroom activities and assignments daily.

Google Classroom

All assignments will be uploaded in Google Classroom. Students are expected to check Google Classroom daily for announcements. Class code information will be given the first week of school.

Field Trip Opportunity (Optional): An optional field trip (pending approval) is planned for those students who maintain at least a B average in Environmental Science for the year. If you are suspended from the bus or have recurring disciplinary issues, this privilege may also be revoked. There is a cost for students to cover the price of tickets and transportation. This information will be provided closer to the field trip date in the spring.

Honors Expectations

The high expectations that are set for students in this Honors class are based on the belief that all students can learn and benefit from this material if the appropriate effort is applied. EVERY student can succeed, but it should be noted that Honors courses stress academic habits as well as ability. Mature and courteous behavior is expected from all students in order to establish a positive atmosphere fostering mutual respect. I care about your success in this course and I believe you can reach and exceed a high set of standards. I will work with you to achieve these goals, but it is ultimately your responsibility to put forth the effort needed for success.

Environmental Science Honors Coffee County Raider Academy

Honors Expectations

- Students will complete independent work outside of class and know that the pace of learning will be faster than in non-Honors classes. Students understand that a high level of independent study is required on their part.
- Students will bring all needed materials to class daily (please speak with me privately if you need help obtaining these items)
- Students will meet deadlines for assignments. Students will seek extra help when needed.
- Students will maintain regular attendance and participate in all class activities.
- Students will approach coursework with open minds and positive attitudes.
- Students will have time outside of school to complete their work. Students understand that assignments typically require higher-level reading, writing, and analytical skills.
- **Students understand that there are NO opportunities for late work, re-do's, extra credit, etc.**
- Be respectful of everyone in the class at all times.
- **No cell phones or other electronic devices are allowed in class.** These devices will be taken up and turned into administration.
- No horseplay in the classroom at any time! Follow all other classroom and school rules and procedures at all times.
- Only water is allowed in the classroom; NO FOOD.

If a student cannot perform these requirements, then the principal, parents, counselor, teacher and student will work together to diagnose the cause of the issue, and determine if the student will benefit from this Honors class or would be better suited in a non-Honors class.

Discipline Plan: Consequences

1. Verbal warning
2. Teacher consequence
3. Phone call and/or meeting with parent or guardians
4. Report to Administration. Discipline form will be written.

Personal Statement

I, Mrs. Newman, will do my best to ensure the safety and learning for all students, while trying to make learning fun and exciting. Students are asked to be respectful, participate and keep an open mind. Good behavior will be rewarded accordingly.

I have read, understand and agree to the rules and requirements of the Environmental Science Honors course at Coffee County Raider Academy. Please sign and return this agreement by August 23rd.

Parent signature _____ Date _____

Parent email: _____

Student signature _____ Date _____