

# **Environmental Science**

## **Coffee County Raider Academy**

**Instructor:** Mrs. Lindsey Newman

**Room:** 304

**Email:** [newmanL@k12coffee.net](mailto:newmanL@k12coffee.net)

**Course Objective:** 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.

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](mailto: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

## Coffee County Raider Academy

### Evaluation

### Grading Scale:

- 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.
- Assignments will be accepted late, but will lose 10 points each day it is late. **\*NO late work will be accepted after the completion of the unit the assignment is from.**

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, Biomes Project, Volcano Project and Environmental Review. Further information will be given at a later date.\*\*

### Topics Covered:

#### 1<sup>st</sup> Quarter

Lab Safety  
Science & the Environment  
Biosphere  
Ecology

#### 2<sup>nd</sup> Quarter

Biomes  
Biodiversity  
Atmosphere  
Biogeochemical Cycles

#### 3<sup>rd</sup> Quarter

Geosphere  
Minerals & Rocks  
Soil

#### 4<sup>th</sup> 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.

### Expectations

- 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.
- 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.

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**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.

**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.

**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 course at Coffee County Raider Academy. Please sign and return this agreement by August 23rd.

Parent signature \_\_\_\_\_ Date \_\_\_\_\_

Parent email: \_\_\_\_\_

Student signature \_\_\_\_\_ Date \_\_\_\_\_