Welcome to Environmental Science

Mrs. Jayme Weaver
Room# 608

First, let me say that I look forward to having each of you in class. I am available for help or questions whenever needed. My planning periods are 2nd & 3rd periods, and I am almost always available before or after school. Let me know when you need help and we can schedule a time.

The phone number for the school is 903-2260, please leave a message for me and I will return it as soon as I can. My school email is weaverja@lee.k12.ga.us.

Textbook: Environmental Science, Holt (replacement cost is $71.95)

Each student is assigned a shared textbook that is for use during class. This book is shared with other students in my other classes and **cannot be taken home**. For students who need a book at home, there are books that can be officially checked out. Students are expected to take care of the book and are held financially responsible for a book that is lost or ruined through mis-use.

Course Description: The Environmental Science curriculum integrates the study of many components of our environment, including the human impact on our planet. The concepts integrated into this course include: flow of energy & cycling of matter, interconnection of all life, stability and change in an ecosystem, conservation and resource allocation, and evaluation of human activity and technology. The instruction in this course is a combination of lecture demonstrations, laboratory demonstrations and assignments, article reviews, projects & student-centered learning. **We will discuss expectations regarding technology the first week.**

Basic Classroom Rules & Expectations: In order for all of us to benefit from the upcoming school year, certain basic rules exist.

Students are expected to:

1. Follow school-wide policies (this includes dress-code, tardiness, & use of technology (cell phones, mp3)
2. Come to class with all supplies (paper, pencil, etc.)
3. **PUT YOUR PHONE AWAY**, unless I have specifically said we are using it.
4. Be in class, listen, take notes when necessary, and participate in ALL class activities
   NOTE: Students are NOT allowed to do work for other classes until AFTER completing all Environmental work and then, ONLY with specific permission of the teacher
5. Sleep at home, not in class
6. Eat at home or in the cafeteria. Food/drink are NOT permitted. Bottled water is ok, except during labs
7. Have a good attitude towards learning, and don't be afraid to ask questions!
8. Do your own work.
9. Arrange with the instructor (within three days of an ***excused*** absence) to make up missed work. It is YOUR responsibility to make arrangements. If the work is NOT made up as arranged, zeros will be given for the missed work! Daily assignments will be found in the "While you were out" box in the classroom.

Consequences of behavior: You should expect to be commended for good behavior, just as you expect to be disciplined for behavior problems. I contact parents for things you do well just as I will contact them for poor choices with regard to behavior! On the other hand, poor choices with regard to behavior (school-wide policies & classroom policies) will result in:

First offense* – warning from teacher
Second offense – one on one conference between teacher & student (usually conducted after class – may result in an unexcused tardy for the next class period)
Third offense – parent contact WITH before or after-school detention & (if warranted) immediate removal from classroom
Fourth offense – referral to the administration for further disciplinary actions

*** There are some behaviors that will require immediate referral to the administration**

Special assistance

In support of our school's RTI (student support) plan, I will offer after-school tutoring sessions for each unit of study (TBA). Lab/Project make-ups (as needed.) Most lab make-ups will utilize a virtual lab activity that will be done independently, at home. There is also an opportunity to attend Saturday School throughout the year.

- ✓ **Tests:** Tests will cover knowledge & application of important concepts. Some test will be performance-based assessments. (**Most will be worth 100 points**)
- ✓ **Quizzes**: Quizzes can be announced or unannounced as needed, and cover vocabulary, material studied since the last test, or over a specific day's material. BE READY! (**20-50 points**)
- ✓ **Projects, labs, written assignments:** This category encompasses other performance-based assignments/assessments, as well as labs, and written assignments that will reflect your knowledge on standards covered throughout each unit. (**30-100 points**)
- ✓ **Daily:** This category will include work that is completed in class on a daily basis. You are responsible for following along and being active in your learning. **(10-30 points)**

Assignments (are due at the beginning of class on the due date)

- ✍ **ALL ASSIGNMENTS** utilize previous scientific training, math & language art skills.
- ✍ **LABORATORY PROCEDURES** require proper laboratory safety. Students who are unwilling to follow safe laboratory procedures will not participate in the laboratory & will receive zeros for all related grades. Students work in teams during laboratory procedures at assigned lab stations.
- ✍ **LATE ASSIGNMENTS** are assessed a 5 point penalty per day. After 3 days a ZERO is given. The penalty is BEFORE the assignment is graded for content. Students who miss an assignment due to an excused absence will be given 2 days for each day absent to complete the assignment without penalty.

Course Objectives (Department of Education – Georgia Performance Standards)

- ➢ Unit 1 **– Flow of Energy in Ecosystems** We will begin with an introduction to the Characteristics & Nature of Science - once mastered, these process skills are used throughout the course. The organization of life, ecosystems, biomes, aquatic ecosystems, and how energy flows throughout.
- ➢ Unit 2 **– Biodiversity:** Understanding the importance of biodiversity in ecosystems, and how biodiversity can change within ecosystems.
- ➢ Unit 3 – **Flow of Matter in Ecosystems**: Analyze how life's most essential elements cycle throughout an ecosystem.
- ➢ Unit 4 – **Human Population Growth** Understand the relationships between human population growth and quality of life, as well as the ways that human population growth has and will change.
- ➢ Unit 5 – **Energy as a Resource:** Evaluate types, availability, allocation, and sustainability of energy resources.
- ➢ Unit 6 – **Stability and Change in Earth's Ecosystems:** Short-term and long-term natural cyclic fluctuations, changes in atmospheric chemistry and its impact of the greenhouse effect, and changes in biomass and biodiversity within an ecosystem.
- ➢ Unit 7- **Human Impacts on Ecosystems** Understand how human population has impacted earth's natural resources.

Exemption Policy

Students may exempt semester exams if they meet the following criteria:

- **90 and above**- 5 or fewer absences for the semester
- **80-89-** 3 or fewer absences for the semester
- **70-79**- ZERO absences for the semester

***Students who have been assigned ISS or OSS are *required* to take their final exams.**

Supplies

Three ring binder with loose leaf paper (you may also reserve a section in a large binder)

Highlighters (3 colors)	Blue/Black Pens
Colored pencils/Crayons (your preference)	Pencils #2
Scissors	Glue stick

Students: Make sure to sign into your google email account, or google classroom platform, and accept the invitation to the Environmental Science Classroom  .

Here you will be able to view video clips, power points, & assignments. **You will also be able to submit assignments here.**

***Parents & Students Please join Remind:** I frequently send reminds about quizzes, tests, projects, and other assignments. I would love for both parents and students to have access.

Text @envsci22 to 81010

Recording Consent Statement

**Recording a meeting without the consent of all participants may be illegal and actionable. You should obtain consent to record a meeting from all participants, including external guests and guests who join late.