

# Frank McClarin High School

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Anita Marie Lee, Principal  
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**Instructor: Mrs. Isom**  
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## **Environmental Science Semesters I & II**

Fall/Winter 2008 – 2009

### **Conference and Tutorial hours:**

Monday - Friday: 7:30-8:00AM; 3:00–3:30PM; Also by appointments

**Textbook:** Miller, T. (2006). *Environmental Science* (11th Ed.). The USA: Thomson Learning Inc.

### **Course Description:**

The purpose of this course is to provide the student with an understanding of how living organisms interact within their environment and the either harmful or beneficial relationship that exist between an organism and its habitat. Particularly the subject of environmental science incorporates human interactions with their associated environments. It is the goal of environmental science to provide the students with the tools necessary to build a sustainable society. This semester the area of focus will be on examining the importance of clean air and land and how we currently deal with pollution and waste management. The students will also appraise the energy resources used today. Environmental science is a lab based course therefore the students will further their skills in science through the use of laboratory techniques and scientific research.

In addition to learning about environmental science, evaluation and review of the concepts involved in the Georgia High School Graduation Test will occur during the semester, in hopes of better preparing the student for passing the science portion of this test.

### **GHS GT Testing Dates:**

September 15, 2008 – **Science** & English Language Arts Retest  
September 16, 2008 – Social Studies & Math Retest  
September 24, 2008 – Writing – 1st Time Test Takers (11th grade)  
November 10, 2008 – **Science** & English Language Arts Retest  
November 11, 2008 – Social Studies & Math Retest  
February 25, 2009 – Retest Writing

March 16-20, 2009 – Lang. Arts, Math, Science, Social Studies GHS GT (11th Grade)

### **EOCT Dates:**

October 27-28, 2008  
March 9-12, 2009

### **Science GHS GT Marathon:**

September 4, 2008 @ 11:30 – 2:10

## Course Outline

### Georgia Performance Science Standards – Explanation of Coding Below

**SCSh 1-9: (S)cience (C)haracteristics of (S)cience (h)igh school Standards 1-9**  
**SEV 3: (S)cience (E)nvironmental Standard #3**

Standards	Units	Learning Goals
SCSh 1-8	Units 1-5	Characteristics of Science
SCSh 9	Units 1-5	Reading Across the Curriculum
SEV3 SEV4 SEV5	Unit 1	Students will describe stability, change in ecosystem; Describe availability, allocation & conservation of energy; & resources Recognize human beings part of the ecosystem; technology use
SEV1 SEV2 SEV3	Unit 2	Students will investigate energy flow, matter, & human involvement Demonstrate understanding of Earth as one system Describe stability and change in ecosystem
SEV5	Unit 3	Students will recognize humans as part of ecosystem; technology use
SEV4	Unit 4	Describe availability, allocation & conservation of energy; & resources
SEV5	Unit 5	Recognize human beings part of the ecosystem; technology use

#### Fulton County Grading Plan

A     **90 – above**  
 B     **80 – 89**  
 C     **70 – 79**  
 F     **69 – below**  
**Withdrew/Pass or Fail**  
 NG    **No Grade**  
 INC   **Incomplete**

#### Environmental Science Grading Plan

Performance Assessments:

**Formative:** Tests, Quizzes, Presentations, Research: 15%  
 Laboratory: 25%  
 Participation/Class Activity/Journal: 15%  
 Reading Across the Curriculum: 5%

**Summative:** Unit assessment: 25%  
 Unit Final-Exam: 15%

#### **15% Final Exam:**

This will be a comprehensive exam covering all the units and standards covered throughout the semester.

#### **Teacher's Mission:**

I want **YOU** to leave class everyday knowing that you have learned something new and that **YOU** can achieve anything with hard work and dedication. Above that, I want **YOU** to graduate with a high school diploma and make contributions to **YOURSELF** as well as to others. Most importantly, never stop learning and living.

***You have a brain, as long as you are carrying it around, you might as well use it!***  
***- Dr. Richard A. Goode***

### **Classroom Management Policy:**

The instructor has the primary responsibility for control over classroom behavior and maintenance of academic integrity, and can order the removal any student engaging in disruptive conduct in violation of the general rules and regulations for the school.

### **Classroom Expectations/Material Requirement:**

- ❖ In class before the bell
- ❖ Pencil/Pen (**0%** - class assignment)
- ❖ Sign in, get folder, and begin hook activity (Daily hook activity – daily journal grade)
- ❖ **No Book bags** are allowed in class.
- ❖ All electronic devices **OFF** during instructions (no earbuds in ears during class)
- ❖ **ABSOLUTELY NO EATING/ DRINKING IN CLASS! Only Clear water containers allowed.**

### **Make-up Policy:**

Make- up work for an absence follows the Fulton County guidelines. For every one day absent you have one day to make up the work. **Excused** absences are at full credit, while **unexcused** absences receive a 30% reduction. It is **your responsibility** to get the make-up work from teacher and to schedule any labs, test, or quizzes missed.

Regardless of the reason for missing a scheduled test, students will only be able to makeup the test within three days past the initial date if not a grade of 0% will be recorded. In order to retake a test (or any other assessment), students must posses an approved excuse and must schedule an appointment to take missed assessment. Due to the compromise of integrity, timing, and preparation lab exercises, projects, quizzes cannot be individually rescheduled. It is important for you to be present to complete these assessments.

### **Recovery Work:**

For those students who have **completed all work** and is **currently passing with 70%**, but due to extenuating circumstances the student is not able to pass the course. I will provide opportunity for that student to pass the class. It is the **student's responsibility** to contact the teacher for recovery opportunity. The work must be completed 10 days prior to end of semester.

### **Students Attendance Compartment and Participation:**

Responsibility for acquiring information disseminated during the course is the core **responsibility of the student**. Students are expected to treat their teacher and cohorts with respect **at all times**. **Students are expected to be seated, quiet and ready to begin class when it is time for class to begin**. I strongly encourage you to network with at least two classmates to obtain information lost due to an absence. **Participation is essential to student performance and therefore will be reflected in the grade achieved**. Students will receive a participation grade **everyday**; therefore, on the days you are absent – participation grade is 0%.

### **Honesty System:**

In an effort to encourage good study habits and positive development in the area of academics, the McClarin faculty supports a strong policy on cheating. Cheating is defined as "giving or receiving, in any form, information relating to a gradable experience, either inside or outside of class". I will strictly enforce the honor code policy as described in your student handbook. **Cheating and plagiarism - 0%. NO RECOVERY!!**

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Student Print

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Student Signature

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Date

Period \_\_\_\_\_

