

# Environmental Systems Syllabus

## 2023-2024

Department of Science

Mrs. Boone

Room: 201

Phone: 254-898-3828

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### **Course Description:**

Environmental Systems is an upper-level science designed primarily for juniors and seniors. Biology I is a prerequisite. Lab activities include station monitoring at points along the Paluxy River as a part of the Volunteer Citizens' Monitoring Program Texas Stream Teams.

Depending on how the year progresses the student certification process through the Volunteer Citizens' Monitoring Program with Texas Stream Teams may be ran differently this year to insure the health and safety of my students, and as a result will require additional class days to complete the certification of every student. I am hopeful we will be able to maintain station monitoring throughout the year.

**\*\*\* Station monitoring is monthly. Students who are enrolled in the 1st period section of this course will be required to be at school by 7:00am on monitoring days. Students will know of the monitoring dates in advanced, and should make every effort to be present on those days.\*\*\***

### **Outcomes:**

After completing the course, the student should be able to:

- 1) Apply scientific principles to everyday living.
- 2) Perform simple laboratory techniques.
- 3) Use safe laboratory practices.
- 4) Organize materials to prepare for an examination.
- 5) Work cooperatively in group projects.
- 6) Recognize the possible benefits from studying ecology.

### **REMIND APP**

I will be utilizing the application Remind to send reminders and keep in touch with students as needed throughout the year. Students must join the class.

Please text **81010** the following message to join- **@tigers3322**

### **Timeline: (framework is subject to change)**

#### 1st Six Weeks

- The Hydrosphere
- \*\*\* Water Testing Certification \*\*\*
- The Scientific Process

#### 2nd Six Weeks

- Intro to Environmental Systems
- Earth's Biomes

#### 3rd Six Weeks

- Organisms in Ecosystems
- Populations in Ecosystems

#### 4th Six Weeks

- Matter and Energy in Earth's Systems

- The Atmosphere

#### 5th Six Weeks

- The Geosphere
- Natural Resources
- Environmental Policy

#### 6th Six Weeks

- Humans and the Environment

#### **Grading Policy:**

Daily grades	10%
Quizzes, lab grades, minor projects	20 %
Major tests, projects and water testing	70 %

#### **Canvas:**

I will be utilizing Canvas as my online platform for this course. Students will need to be familiar with Canvas to be successful in this course.

#### **Supplies:**

- 1- 3 Subject notebook
- Black/Blue pen

\*\*\* *Special project supplies will be announced in advance.*

#### **Tutorials:**

Morning tutorials will be available at 7:30 daily. After school tutorials will be available by appointment.

#### **Late Work Policy:**

I do NOT accept late work. If you miss the due date you have earned a **ZERO**. No exceptions. Assignments uploaded to Canvas are time stamped, and I receive notification when they are uploaded past the due date/time.

*Teacher Tip: Do not wait until the last second to submit assignments. In the event there is a technology issue that prevents you from submitting your assignment on time I need to know about it immediately. Message me on the Remind APP and I will get a notification.*

#### **Absent Policy:**

The school's policy on absent work will be followed. You have the equivalent of days missed to make up assignments. Students will have advanced notice of tests. If you are absent on a test day you are required to make up the test the following day. The test will be made up during the next day's class and students will be responsible for that day's missed assignments/notes.

# Classroom Policies Environmental Systems

1. It is your responsibility to read and understand the classroom policies sheet for Environmental Systems.
2. Drinks (with a lid) and snacks are permitted in the classroom. Do not leave trash behind. 😊
3. You will be considered late if you are not inside the door and seated when the bell rings.
4. Late assignments will not be accepted. ABSOLUTELY NO EXCEPTIONS.  
Late = ZERO.
5. If you are absent, it is YOUR responsibility to get make-up work. If you missed notes you will need to get them from the recorded lecture video on Canvas. Any missed assignments will be in your designated classroom folder with your name.
6. If you're absent the day of a test, you will take the test the day you return. You will be responsible for notes/assignments missed during this time. Tests are announced in advance therefore you should have ample time to prepare your schedule.
7. Water testing dates will be posted at the beginning of each semester. You will know the date(s) of testing in advance, so DO NOT schedule appointments on those days.

\*\*\* If you are not able to make a water testing, you MUST CALL ME IN ADVANCE in order to avoid making a ZERO for the day. Water testing is a vital part of this class, and counts as a major test grade. If you are not able to attend, call me at 254-898-3828, and leave a message, or use the Remind app. It is better, however, to speak to me face to face in advance.

\*\*\*If you are late to school/class on the day of water testing, you will be counted absent and receive a ZERO. The bus will not wait for you. You may not drive yourself to the site.

1st Period will be sampling at Baker's Crossing. The bus leaves the school promptly at 7:10am.

\*\*\* If you're absent the day of a water testing, and you have a doctor's note due to illness for that specific date and time, you will be given an alternative assignment. The assignment must be turned in within one week of the water testing date, otherwise you will receive a zero.

8. Cell phones are not to be used in class and should remain in personal bag/ designated cellphone area. If a student is caught on their cell phone, the phone will be taken to Mr. Pounds.
9. Dress code must be followed at all times. I keep my room cold therefore bring a light jacket. No blankets.

**If you have any questions or concerns throughout the year the best way to reach me is by email. If I have not responded in 24hrs please check to make sure the correct email address was used; [boonme@grid.net](mailto:boonme@grid.net). I am looking forward to a great year with your student!**

By signing this you are stating you have read the course syllabus (located on Canvas) and the classroom policies above for Environmental Systems 2023-2024

Parent/Guardian signature: \_\_\_\_\_

Student signature: \_\_\_\_\_

Date: \_\_\_\_\_