**Environmental Science Syllabus       2024-2025 Academic Year**

**Teacher: Ms. Wendler**

**Location: Rm. C318**

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Overview

This course is an exploration of environmental science. Environmental science affects each of us in many different facets of society and personal life. We will integrate biology, geology, and chemistry as we explore the topics listed below.  Additionally, we will be investigating topics that are locally important such as wildland/urban interfaces and wildland fire ecology. These topics will be explored using inquiry, problem-solving, and lab investigations.

Content:

|  |  |
| --- | --- |
| Lab Safety, Scientific Process, Data, and Models  World Views and Sustainability  Water  Ecology, Ecosystems, Succession  Environmental current events | Biodiversity  Endangered Species  Climate Change, Nonrenewable Resources, and          Renewable Resources  Fire Ecology |

Required Materials:

* 1 - 70 page, 3-hole punched, 8.5 x 11 inch Spiral Notebook
* (no bound composition books or sectioned spirals, please)
* 1 - 2” Binder to be used only for Science notes and handouts
* Lined Binder Paper
* Pencils
* Dark Blue or Black Ink Pens
* Chromebook compatible earbuds
* School-provided Chromebook
* 1 pair of chemical splash anti-fog goggles (optional)- The goggles suggested in the link below are low-priced yet high-quality anti-fog goggles.  Students will be able to use these goggles for all of their future high school science classes and college science classes.
* <https://www.homesciencetools.com/product/chemical-safety-goggles-anti-fog-adult/#description-anchor>
* Calculator
* Expo markers
* 1 - Box of Facial Tissues to donate to classroom - optional and appreciated!

Rules

1. Be on time and prepared for class.
2. Participate in class.
3. No using cell phones, I-pads, chromebooks, or other electronic devices unless authorized.  Earbuds are allowed only when being used for computer work.
4. Water allowed always, snacks allowed during authorized times.
5. Be respectful of other students, the teacher, supplies and all equipment/furniture.

Classroom Procedures:

Entering Class-Start work immediately by getting prepared for class and starting your warm up. During class please follow directions, participate appropriately, stay present and connected.

Cell Phones and Other Electronic Devices

Please bring your phones to class as we may use these as learning tools. **They must be muted**, not set to vibrate. I will also ask that they are **out of sight in backpacks.**  Many students have privacy policies in place and **are not allowed to be photographed.**  Do not randomly take pictures or record the class unless **you authorize it with m**e. That is a violation of privacy. **No texting and checking messages during class please**. Consequences will apply such as placing your phone on my desk for the remainder of the class as a first offence.

Restroom/Passes

You will only be allowed to leave during independent work time. **YOU MUST ASK FOR PERMISSION, SIGN IN AND OUT, AND TAKE THE RED Wendler PASS.** This is necessary so we can locate you if there is an emergency or the office needs you.  You must have a **yellow hall pass** to go to the nurse/office or other place in the building. I can only authorize and fill out a pass for you at appropriate times, not while I’m instructing.

Homework and Late Work Policy:

The school wide late work policy is as follows:

Unless previous arrangements have been made, all work not turned in on its due date is considered late if the student was present in class.

Late work turned in one class day late will receive up to 75% of the total possible points for the assignment.

Late work turned in to the teacher by the end of the unit, or within two weeks of the original due date (whichever is shorter) will receive up to 50% of the total possible points on the assignment. After that, a zero is recorded for the assignment.

There may be exceptions to this policy if the student emails the teacher before the assignment is due and explains any extenuating circumstances causing the student to miss the due date.

Regarding long-term projects or assignments, given three or more weeks before the due date, late work will not be accepted.

Absence Policy

Please check the absent work bin and check with other students and/or me to check on work you missed. Warm ups and exit tickets do not need to be made up after an absence but I encourage you to jot them down as they are a great study tool.  You have as many blocks as you were gone from class to receive and do work. I will not seek you out to make sure you’re getting caught up, you must be responsible for that!

Grades:

Grades will be weighted by point values.  Assignments that are not completed when I enter grades will be marked as missing, even if the student’s absence  is excused and therefore has more time to complete them for full credit.  Marking the assignment as missing will keep the assignment on everyone’s radar so it is not overlooked.  However, I will check weekly to make sure no student is put on the ineligible list if they have missing work from excused absence-extended due dates.  It is suggested that parents and students set Infinite Campus to receive missing work notifications.  Note: at the end of each semester, the final is worth 20%.

Tests

We will have quizzes to check understanding. Tests will be open note (don’t let that fool you, that means the tests are going to be DIFFICULT!) I will let you know in class when quizzes and tests will take place.  Review is integrated into class, however, it is not enough and I expect students to study their notes with an output (examples: rewrite or type notes, make or use flashcards, read notes aloud) for 10 minutes every night, including off-block nights! This is for your benefit – the more you study using short but frequent study sessions, the more likely the information is to get into your long-term memory. This will improve not only your grades on tests, but you will remember and understand the material for longer!  You may NOT re-take tests.

Getting Help and Make Up Work

There are many opportunities during the school day and week for students to talk with me, get homework help, pick up missing work, and take quizzes or tests.

* Before school, after school, lunch by appointment, Homeroom and off hours.
* Between classes, if it is a quick conversation and will not make either of us late to our next class.

**Not:**

* As a visitor from another class, even if you are in a study hall.

**Sometimes it is not feasible to keep the lab materials set up which in case I may give an alternative assignment for missed labs.**

**Environmental Science**

**Student Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block\_\_\_\_\_\_**

**(first and last)**

**Please keep the syllabus for future reference, but hand this page back to Ms. Wendler.**

**Student Signature**

I have reviewed the syllabus and I understand what is expected of me.

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

**Parent/guardian Signature**

I have reviewed the syllabus and I understand what is expected of my student.

Name of parent\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/guardian signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_