

## Environmental Science

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Room B3

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### Course Description

This course is designed to introduce students to the idea of global sustainability. We will focus on key components that impact the world as a whole: agriculture, population, energy, water, and waste management. We will look at how each of these components affect different countries around the world and then evaluate how things can be done to become more sustainable. Our class will explore topics through discussions, research projects, simulations, and field trips.

### Required Materials

- Composition Notebook: 100 pages, college ruled (**NO SPIRALS ALLOWED**)
- Pencil or pen
- Glue stick

### Classroom Expectations and Guidelines

1. **Shared Respect.** Respect yourself and others in the class. We will be working and learning together all year, requiring a high level of mutual respect for all individuals in our community. There will be a 0 tolerance policy for hateful words or actions.
2. **Attitude.** Our class will be a positive learning environment. I expect all students to give their personal 100% every day. I will work to help all students hold a growth mindset throughout the year to achieve personal goals. Leave the drama at the door!
3. **Attendance.** I expect you to be in class each day. All of the material and work in environmental science will be done in class. Failure to attend AND participate in class regularly will result in a poor grade. See grading policy for details.
4. **Organization.** Use the tools provided in class to remain organized and prepared for class each day. This means having the supplies needed for success at the start of each class, using a planner, and maintaining an organized interactive notebook. See Ms. Buchholz if you need help obtaining supplies or want help organizing.
5. **Efficiency.** You are expected to work hard from bell to bell. This means being in your seat and working when the bell rings, as well as staying in your seat until you are dismissed at the end of class. Students who are tardy 3 times in a semester will get a lunch detention.
6. **Focus.** There will be a no tolerance policy for the use of phones and electronics during class time. Students should remain in their seat during teacher instruction; Breaks will be given to attend to sharpening pencils, throwing trash away, water breaks, etc. Use the restroom before class; each student will have the privilege of 3 bathroom passes each semester.

## Course Outline

Each student will have the opportunity to explore environmental science by looking at the sustainability of a country of their choice. Throughout the year we will learn about different aspects of sustainability as a class, and each student will research how their selected country handles each component of sustainability. The units covered throughout the year include:

### 1st Semester

1. Global Sustainability
2. Agriculture
3. Population

### 2nd Semester

4. Energy
5. Water/Natural Resources
6. Production and Waste

## Grading Policies

1. **Grading Breakdown.** Students' grades will be determined by four categories of work.

Projects	40%
Interactive Notebook	30%
Exams and Quizzes	20%
Class Involvement	10%

2. **Projects.** At the end of each unit, students will prepare presentations that explore the topic of the unit through the lens of their selected country. We will spend multiple days of class working on the projects and students will be expected to present 4 times in the year.
3. **Interactive Notebook (INB).** All classwork (warm-ups, notes, activities) will be done in an INB. Students will get credit for completion and effort on INB work, which will be collected and graded once a unit. Completed work will be stamped for points and totaled for a grade.
4. **Exam and Quizzes.** Each unit will have a summative exam, and some longer units may have mid-unit quizzes. All tests and quizzes may be re-taken during designated retake times if the student has completed a test correction form.
5. **Class Involvement.** Students will receive credit for each day that they are present in class, prepared with appropriate materials, and showing respect and a positive attitude. Excused absences can be discussed with Ms. Buchholz before or after the missing day.
6. **Absent Work Policy.** Students are expected to be responsible for days that they have missed. All handouts and materials from past classes will be organized by page number in a filing container. Students should look at the example INB to catch up outside of class time.
7. **Late Work.** INB work will be stamped on the day that it is due for full credit (5 points each stamp). Any work completed after the due date will be stamped with a different color representing 3 pts per stamp. Any late submissions of projects will be discussed with Ms. B.
8. **Academic Honesty.** Plagiarism will not be tolerated in the classroom. This includes, copying another student's' work, using cheat sheets on exams, or copying materials such as books, articles or the Internet word for word. Without exception, students caught cheating will be given a 0% grade on the assignment, and parents will be called.

