

Environmental Science Syllabus
Spring 2024
Mrs. McEvoy
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This course will cover the following topics in 2 semesters (quarters)

Ecology

- Characteristics of Ecosystems
- Matter and Energy Cycles
- Biomes
- Population Dynamics

Resource Use

- Renewable and Non-Renewable Resources
- Environmental Degradation
- Environmental Policies
- Sustainability and Ethics

Grade Categories

- 45% Formative Process:** This category is measured by students demonstrating growth of understanding of content knowledge related to NGSS standards. This will include:
 - Active engagement in daily lessons and group collaboration
 - Demonstration of classwork, labs, and activity completion relative to the students ability
 - Responses to teacher questioning or presentations
 - Accountability Charts complete and turned in monthly
 - Science notebook

- 45% assessment:** This category consists of labs, projects, quizzes, tests, etc. Students will need to demonstrate understanding of the NGSS standards covered

- 10% Friday Project(s)** Students will be assigned a project to complete to count for Friday attendance.

Assessments and process will be given typically out on a 4 point scale:

4/4 Student exceeds the standard and beyond (A 95-100%)

3/4 Student meets the standard (B 80-89%)

2/4 Student is approaching standards (C 70-79%)

1/4 Student is still developing skills towards standard (D 60-69 %)

0/4 Assignment is missing /blank (F 55%)

The 4 point scale is converted into a percentage for input into Infinite Campus depending on the assignment. A decimal is often used for in between scores (3.5=90% etc)

Equitable Grading is the policy at Encompass Academy with 55 being the minimum score. However an initial missing assignment will be flagged as Missing (0) in Infinite Campus and remain that way for 2 weeks to communicate to the student that the assignment is missing.

REMEMBER:

You control your grades by doing work daily, actively participating, and making sure you are keeping up with the tasks of the class and applying the vocabulary.

Most of the learning in this class occurs through discovery and participation.

Absences from this class will seriously hinder the learning process.

Check infinite campus regularly to monitor progress.

Name:

Assignment for Friday 8/16/24

Today's Assignment:

- Read and sign the lab safety agreement
- Read the syllabus and take the quiz below
- Explain in detail environmental issues you are most concerned with and would want to learn more about

1. How many Grading Categories will there be?
2. How long will missing assignments be accepted?
3. How much of your total grade will the Friday Assignments be?
4. Do you have any questions about the grading scale?
5. What is an environmental issue that you are interested in learning more about? Explain in detail.
 - a. Why are you interested in learning about this issue?
 - b. Who is most impacted by this issue and why?

- c. Brainstorm a list of 10 questions you would like to google about this issue and list them. Do NOT google them up just yet..