

ECOLOGY
COURSE SYLLABUS
Mr. Troshak
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Conference: 2nd Hour (9:08-9:56)

Course Description: Ecology provides students with the scientific principles, concepts and methodologies required to understand the relationships that occur in the natural world. Students will learn about the complex interrelationships between organisms and their environment. Students will apply scientific skills and processes on major environmental science concepts.

Classroom Rules:

- 1.) Come to class prepared (pencil/pen, notebook, folder, and book).
- 2.) Respect yourself, others and the classroom.
- 3.) Remain in your seats.
- 4.) No talking while the teacher or others are talking.
- 5.) Pay attention, participate, and be ready to learn.

Consequences

- 1st-Verbal Warning.
- 2nd-Written referral with possibility of a phone call home and detention.
- 3rd-Send to principal's office.

<u>Grading:</u>	Tests/Quizzes	40%
	Class Work and Homework	40%
	Notebooks	10%
	Participation	10%

- Class work becomes homework if it is not completed in class.
- Separate homework tasks may be assigned.
- Tests and quizzes are usually multiple choice and short answer.
- Participation includes coming to class prepared and parent communication (For example, getting the web page assignment completed and signed).
- **Missing Assignments and Late Work:** Late work will be accepted up to the end of the unit and/or unit test. However, students can only earn a top score of 75%.

Student Responsibilities

- Bring pencil/pen, planner, notebook and textbook to class.
- Assignments not finished in class should be completed for homework.
- Keep graded work in your notebook.
- Check your grades online and compare them to the grades in your science notebook.
- When absent, check the "While You Were Out" box. Assignments will be placed in the box, organized by day of the week. Some assignments may require coming in during lunch, before or after school.

- Notebooks and folders will be collected at the end of each semester. They are required to have all notes, class and homework assignments, and tests/quizzes given that semester. Organization will count. I highly suggest getting a three ring binder, they will be returned at the end of the year.
- Participate in the recycling activities. Student will be professional during recycling activities and follow the recycling guidelines and expectations.

Units/Topics:

Topics will be selected from—but not limited to—the following:

Environmental Interrelationships	Climate
Abiotic and Biotic Factors	Food Chains and Food Webs
Adapting to the Environment	Living Things in Ecosystems
Ecosystems/Microecosystems	Population Growth
Community Dynamics-Succession	Natural Selection
Nutrient cycles	
Species Interactions-Symbiotic Relationships	