

Environmental Science II

Environmental Science is the study of relationships between living organisms and their respective environment. You should expect to gain a better understanding of the role of organisms interacting with the environment, and the role you play in maintaining a healthy, well-balanced environment

Environmental Science II Course Learning Outcomes

I can use scientific method to think objectively about situations.

I can compare the use of fossil fuels to alternative fuels for preference and prediction of future use.

I can critique the impact of human waste on the environment.

I can summarize how increasing human population can affect carrying capacities of other organisms.

I can predict human effects on the environment and how technology may change those results.

Grading Scale:	100-90%	A
	89-80%	B
	79-70%	C
	69-60%	D

Classroom expectations

You will be expected to follow the policies and procedures as described in the handbook. You will need to be prepared for class each day, participate in class discussions and activities, make progress on work materials, and maintain a pace to be able to successfully complete the course.

We, as a class, will determine any other norms for the success of the participants.

Areas of Study:

- **Introduction**

We will be reviewing scientific method, values used for making environmental decisions, and the expectations of the classroom.

- **Energy**

- Types of energy sources will be examined (renewable and nonrenewable), what are advantages/disadvantages to each, and efficiency/conservation of energy.

- **Garbage**

We will learn about the different types of garbage, what are appropriate disposal for the different types, and energy associated with garbage production/disposal.

- **Populations**

We will look at how populations of species can change, how human population effects all other populations of living things, and what it may mean for our environment as human population continues to grow.

Resources

The textbook for this course is Environmental Science by Savvas.

You will be able to find alternative and optional reading materials in your canvas course for each unit.

You will also be able to find all work resources in your canvas course for each unit.