

ENVIRONMENTAL SCIENCE SYLLABUS

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VP

1st period - Live Zoom meets on Mondays and Wednesdays @ 8:00 - 8:45 am

Course Description:

This class provides an introduction to environmental science and renewable energy sources. Topics discussed in the class may include current environmental issues, investigating environmental science, renewable energy: wind and solar. In this class, there will be an emphasis on hands-on activities (pending due to COVID-19) and laboratory exercises that will promote problem-solving, refine laboratory procedures, and reinforce reading, writing, and math skills.

Students will:

- ❖ Describe five major environmental problems.
- ❖ Visually represent how water, oxygen, and other elements move through the environment.
- ❖ Explain succession and how ecosystems change over time.
- ❖ Read and research how biodiversity benefits the planet.
- ❖ Define biome and compare and contrast terrestrial and aquatic biomes.
- ❖ Describe major trends in world population.
- ❖ Research and brainstorm ways people can reduce their impact on the environment.
- ❖ Name five types of renewable energy and their advantages and disadvantages.
- ❖ Explain how people can conserve and protect water resources.
- ❖ Research and compile ways we can reduce air pollution.
- ❖ Explain how world food supply is distributed and identify some problems this causes.
- ❖ Identify elements of a sustainable global economy.

Student Materials

To learn effectively you will need to arrive on zoom alert and ready to learn. You should have the school materials listed below:

- ❖ Pencils or pens
- ❖ A notebook
- ❖ Zoom app on iPad
- ❖ WSD Google Drive and e-mail Account

Learning Process

Instruction & learning will use the bilingual process. Students will be exposed to, and use, both American Sign Language and English. A variety of learning methods including student-centered instruction, group, partner, and individual work. Vocabulary development of the course content will be emphasized.

Classroom Texts & Curriculums

Classroom materials will be provided electronically due to COVID-19 remote instruction. See your google classroom for lecture slides, videos, and assignments.

Student Expectations

WSD follows the Positive Behavior System in order to provide a positive and productive learning environment for students. Classroom rules are a school-wide, taught and reviewed on a regular basis.

Class rules are:

1. Follow the 3 Terrier Pride Rules
2. Be on Time
3. Be Prepared to Learn
4. Attend to Presenter
5. Support Everyone's Learning

Following school, expectations increase student academic success and learning. Listed below are expectations for students:

- Complete all assignments and homework on time
- Use class time and materials for educational purposes
- Request & complete make-up work for excused absences

Grades

Grades will be based on accuracy and timeliness of assignments, culminating projects, tests, and essays. The grading system follows the standard established by the Washington School for the Deaf and is listed below.

Letter grade	Percent ranges	Scale value	General rubric
A	93-100	4.0	Exceeds expectations
A-	90-92.9	3.7	

B+	87-89.9	3.3	
B	83-86.9	3.0	Meets expectations
B-	80-82.9	2.7	
C+	77-79.9	2.3	
C	73-76.9	2.0	Approaching expectations
C-	70-72.9	1.7	
D+	67-69.9	1.3	
D	60-66.9	1.0	Does not meet expectations
F	<60	0	No evidence

Additional Support

Students & parents are encouraged to contact me to set up a time to request additional learning support or to meet to discuss any of the lessons during the office hours.

Absences

I understand sometimes emergencies happen and can get in the way of homework. If your child is ill or a family emergency prevents him or her from completing their homework on time, please contact me so that we can make arrangements for your child to complete their work at a later date without consequences to their grade. My goal is to see the student succeed.

Extra Assistance

If a student feels that extra assistance is needed, email me, leave a message via videophone, write a letter, or make an appointment to come see me. I am here to help out!

If you have any questions or concerns, please contact me at the information provided at top of the syllabus. :) I am excited and look forward to working with you in the class!

Sincerely,

Drew Treacy