

ENVIRONMENTAL SCIENCE II – HONORS

Semester 2, Spring 2021

TEACHER: Mr. Thomas H. Mills, III, M.A.
E-MAIL ADDRESS: millst@dcpsmd.org
PHONE NUMBER: 410-943-4511 ext. 1564
ROOM NUMBER: Room A203
PLANNING: Period 3

COURSE DESCRIPTION: Environmental Science II - Honors provides students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world. Students will identify and analyze environmental problems, evaluate the risks associated with these problems and examine alternative solutions for resolving them. Students will embrace a wide variety of topics from different fields of study such as ecology, chemistry, geology, meteorology, international law, sociology, economics physics and genetics.

PREREQUISITES: The Environmental Science II - Honors course is a course for any interested student who has completed two years of high school laboratory science: one year of life science (*Biology*) and one year of physical science (*Physical Science or Chemistry I*).

UNITS OF STUDY:

1. Water and Water Pollution
2. Air and Air Pollution
3. Atmosphere, Climate and Climate Change
4. Land Use and Development
5. Nonrenewable and Renewable Energy

GRADING PROCEDURES**TERM GRADING:**

Announced Quizzes, Tests & Projects (Summative Assessments)	60%
Exit Tickets, Classwork & Laboratory Assignments (Formative Assessments)	40%

LETTER GRADES:

90% to 100%	A
80% to 89%	B
70% to 79%	C
60% to 69%	D
below 60%	E

COURSE GRADING:

Term I	47.5% of course grade
Term II	47.5% of course grade
Final Examination	5% of course grade

ATTENDANCE, MAKE – UP WORK & LATE WORK

Topics in Environmental Science II – Honors build upon each other and regular class attendance is extremely important for success in this course. All assignments that are missed due to absences should be completed for credit. Missed assignments that may not be made up at home must be completed, by appointment, before or after school.

Make-up work can be completed as outlined in the Code of Conduct Handbook. Your work will be due within the time allowed in the Code of Conduct Handbook.

GUIDELINES FOR SUCCESS**ASK FOR EXTRA HELP:**

Extra help is available after school hours. It is best to acquire extra help several days before a test or quiz. Do not wait until the night before a test or quiz to prepare for it.

CLASSROOM RULES & PROCEDURES:

1. Cell phones may only be used for instructional purposes at designated times. Cell phones must be put away at all other times. Electronic devices used at inappropriate times must be surrendered to the teacher.
2. No food or drinks are allowed in the classroom.
3. Be in the classroom when the late bell rings per the NDHS tardy procedures.
4. Treat your peers and Mr. Mills respectfully at all times.
5. Participate as much as possible in large and small group discussions.

GENERAL GUIDELINES FOR SUCCESS:

1. **Do not cram for summative assessments.** Summative assessments are announced in advance so that you have time to prepare for them.
2. Ask questions if you do not understand. Your peers likely have the same question.
3. Do assigned reading before class. Some exposure to the material will make class less overwhelming.
4. Record assignments and assessment dates in your agenda. Avoid surprises.
5. Review your notes after class. Write down and ask questions that you still have regarding the information.
6. Do all assigned homework and remember to bring it with you to class.
7. Do not give up if you are unsuccessful in solving a problem or understanding a concept the first time. Review your notes, refer to example problems, re-read your text, and try again. If you are still unsuccessful, ask a classmate for help.
8. Be honest with yourself and get extra help from Mr. Mills when you know you need it. Do not wait until the day before a summative assessment to get help.