Environmental Science

Semester: Fall 2019 - Spring 2020
Kent Island High School
Credit: One

Teacher: Megan Cloutier
Department: Science
Room 203
Prerequisite: Biology

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Phone: (410) 604-2070

COURSE DESCRIPTION:

Environmental science is designed to highlight basic ecological concepts and emphasize the impact humans have on the biosphere. Some areas that we will focus on are contemporary issues such as air and water pollution, global climate change, ozone depletion, acid rain, hazardous and solid waste, alternative energy resources, deforestation, overfishing, biodiversity, endangered species, and their ecological, economic, and human health impacts.

COURSE OUTCOMES:

The students will:
- Explain how matter and energy move through the biosphere
- Investigate the interdependence of organisms within their biotic environment
- Analyze the relationships between humans and the Earth's resources
- Develop and apply knowledge and skill gained from an environmental investigation to an action project which protects and sustains the environment
**COURSE OUTLINE:** *this outline is tentative and may change throughout the semester*

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Topic</th>
<th>Time Frame for Semester and Hybrid (approximate)</th>
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</thead>
<tbody>
<tr>
<td>1-2</td>
<td>Intro to Environmental Science</td>
<td>2 weeks</td>
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<td>3 weeks</td>
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<tr>
<td>3-7</td>
<td>Earth’s Ecosystems</td>
<td>5 weeks</td>
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<td></td>
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<td>9 weeks</td>
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<td>8-10</td>
<td>Populations</td>
<td>3 weeks</td>
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<td>7 weeks</td>
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<tr>
<td>11-15</td>
<td>Water, Air, and Land</td>
<td>4 weeks</td>
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<td>8 weeks</td>
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<tr>
<td>16-19, 20-21</td>
<td>Mineral and Energy Resources/ Human Health and the Future</td>
<td>4 weeks</td>
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<td></td>
<td>8 weeks</td>
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**EXPLANATION OF ASSESSMENTS**

Students will be graded using a variety of methods, including but not limited to: daily assignments, tests and quizzes, labs, projects, and a final exam. TESTS will be announced - QUIZZES may be unannounced.

**GRADING POLICY:**

Progress (Formative) assessments - 40%
   (assignments, quizzes, homework, labs, midterm, notebook)
Mastery (Summative) Assessments - 45%
   (tests, projects)
Final Exam - 15% of final grade

**TEXTBOOK:**

Environmental Science: Holt - McDougal, 2013 (provided)

**MATERIALS NEEDED FOR CLASS:**

- Textbook
- (1 inch) 3 ring binder with loose-leaf paper
- 8 dividers for notebook
- Pencil with eraser
- Blue or black pens/highlighter
- Calculator
- Laptop with charger (Bring fully charged daily!)

**ASSIGNMENTS & EXAMS POLICY:**

1. Keep your course notebook neat, organized, and up-to-date. Notebooks will be graded.
2. Late Assignments

➔ Late assignments are those that are submitted late not due to an absence.

Late work will be accepted with the following restrictions:

◆ Work must be turned in within 3 days of the due date (unless circumstances for an extension have been approved by the teacher and/or administration).

◆ Work accepted after the expected due date will be subjected to a lower grade due to lateness, not to exceed a maximum reduction of 30% after the work is 3 days late (10% lost per day). After 3 days, students will receive a zero.

*Turning assignments in on time is the student’s responsibility.

● Work will be collected at the beginning of class and placed in the appropriate bin.

3. Retakes/Revision (Summative Exams): Students will be allowed to retake or revise summative assessments (with the exception of midterm and final exams) within 10 school days from the time the test is returned if they score 69% or less and they may earn up to a 70%. Grades may not be averaged and the student’s new grade is to reflect the higher grade up to a 70%. The student, NOT the teacher, has the responsibility to schedule a make-up test.

HOMEWORK POLICY:

Students will receive various homework assignments throughout the semester which can include but are not limited to worksheets, projects, surveys, and research projects. Homework assignments will be graded on a point system or checked for completion the next day in class.

EXTRA CREDIT:
There will be times throughout the semester in which students will have the opportunity to earn extra credit points. These opportunities will be announced and explained by the instructor prior to students receiving the assignment.

CLASSROOM GUIDELINES FOR SUCCESS & PROCEDURES:

1. Come to class on time with your required materials every day ready to work and be in your seat before the bell rings, otherwise you are considered tardy.
   a. First Offense - Verbal Warning
   b. Second Offense - Parent Notification
   c. Third Offense - After School Detention
d. Fourth Offense - Referral
2. Display courtesy and respect to yourself, others, learning, and property at all times.
3. Raise your hand and wait to be called on before speaking.
4. Remain in your seat unless the instructor gives you permission otherwise.
5. Save pencil-sharpening, trash, and asking questions relevant to the material, for after instruction time.
6. Work only on environmental science material during class time unless you have the instructor's permission to work on something else.
7. Follow all laboratory rules at all times as outlined in the Laboratory Safety Contract.
8. Mobile learning devices (cellphones) and laptops may only be used with the teacher's permission. All other times they must be put away in backpack.

IF YOU ARE ABSENT FROM CLASS:

a. The teacher will collect the work during the day while the student is absent. It will be given to the student upon their return to school and can be found in the absentee folder in the classroom.

b. If the student is absent for multiple days, parents/guardians should be encouraged to communicate regarding make-up work that may be completed while the child is out of school. It is the student's responsibility to turn in the work to the teacher. Parents/Guardians can also make arrangements to have make-up work picked up in the Guidance Office.

c. A student shall be allowed a reasonable number of days, at least equivalent to the number of days absent, to make up work. All make-up work will be graded in accordance with the regular classroom grading policy and must be completed within the established time period.

d. Makeup tests are to be completed after school and you must arrange your own transportation. Tests will be announced well in advance, so if you are absent the day before a test, you are expected to come in prepared to take the test with the rest of the class. If you've been absent more than one day, make arrangements for a missed test when you return to class. Tests must be made up no later than one week past the original test date.
e. Excused absence on a lab day will result in the student having to make up the lab after school if applicable. I will be staying after on Tuesdays this semester.

**Note to Student:**

My sincere hope is for you to be successful in this class and to have fun in the process. Please do not hesitate to come see me if you are having problems (don’t wait until things get out of hand). I am here to help you be successful and encourage you to do your best ☺️. Finally, this is an elective class. As such you have elected to take the class and are expected to participate in and complete all assigned work. Let’s work together for your success!

**Note to Parents/Guardians:**

My goal in this class is your student’s success. Please ask him/her often to see progress reports, tests, and assignments and/or log on to Parent Portal to view current grades. Please do not hesitate to email me anytime if you have a question or concern regarding your student’s progress. You can reach me best by email. I look forward to working with you and your student this year!

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* Please read, fill out, sign, & return the attached forms.*

*Thank you!*
Environmental Science Syllabus
(complete the back of this sheet as well please)

Dad/Guardian name__________________________________________

Home phone______________________________________________

Street address____________________________________________

Town____________________________________________________

E-mail address____________________________________________

Work place________________________________________________

Work phone______________________________________________

Mom/Guardian name________________________________________

Home phone______________________________________________

Street address____________________________________________

Town____________________________________________________

E-mail address____________________________________________

Work place________________________________________________

Work phone______________________________________________

Please feel free to write any other information you would like me to know in the space provided below. If extra space is needed you may use the back of this page.

Thank you!
NOTE to Parent/Guardian

Parent Portal is the QACPS website that allows you to see your student’s current grades by going to the Internet. If you are not already signed up, please call the guidance office (410-643-7172) for more information.

I have read and understand the information given on the attached syllabus, and I will do my best to uphold my responsibilities in Environmental Science.

Date: ___________________________

Student name: ____________________________________________ (please print)

Student signature: ____________________________________________

Parent/Guardian name: ______________________________________ (please print)

Parent/Guardian signature: _________________________________________

Does your student have any allergies? Please list below:
___________________________________________________________________
___________________________________________________________________

Any other information that I should know about your student:
___________________________________________________________________
___________________________________________________________________