[](http://dchs.d300.org/) Dundee-Crown High School

Push the Pride; Be Responsible, Be Respectful, Be Positive!

**Course:** Environmental Science 4320

**Textbook : no text, various text and online resources will be used to aide in discussions and learning**

**Instructor:** *Mrs. Meredith*

**Office Hours: 202A** Before or After School (by appointment)

*Please let me know if you need to make up anything or need extra help!*

**Email:** [meghan.meredith@d300.org](mailto:meghan.meredith@d300.org)

**Web Page:** *m-meredith.weebly.com* **and** *Schoology*

**Course Description:** This class has been designed to be rigorous, student-centered, and standards based. Reading and writing within the content area are a vital requirement of this course. All students will be learning college readiness skills to prepare them for their future academic success. Students will work collaboratively to make connections between Environmental concepts and human population growth. We will use experimental design to solve the question of how different environmental systems work.

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| --- | --- |
| 1st Semester:   * Horticulture * Soils and land use * Water * Ecosystems and Ecology * Population Ecology | 2nd Term:   * Population Dynamics * Urbanization and Waste management * Energy Resources * Climate Change * Human Impacts solutions |

**Course Objectives:** Via the curriculum and learning activities in this course, students will work toward achieving high academic standards pertaining to College Readiness Skills and National Standards. By the conclusion of this course **students will be able to:**

* Investigate the connections of population, human health/safety, land use, water quality, and air quality.
* Make inferences using statistical data and evidence on the state and future state of earth’s systems.
* Diagram and defend the need for biodiversity by investigating ecology interactions
* Examine current land use issues and future trends and possible fixes.
* Test and monitor water quality. Determine how water is essential and means of preserving quality.
* Identify waste management techniques and pros/cons
* Connect population cause and environmental effects and vise versa
* Using data and evidence make a presentation on the top 10 solutions
* Investigate claims of Climate change

**\*Be Respectful \*Be Responsible \* Be Positive\***

**Student Name (print)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

***In signing I understand the requirements for this class and agree to all the conditions listed. Any breach of this will result in disciplinary actions. As a parent I am fully aware of what is required of my student to succeed.***

**Classroom Expectations: \****RESPECT \** is mandatory! Everyone deserves a positive learning environment. That means respecting those around you, the classroom and items we may use in it, respect yourselves and work to your potential, in addition; respect Ms. Meredith as your teacher. Respect is a two way street, give it, to receive it.

* Tardiness is **unacceptable**. You are expected to be in your seat and ready to learn when the bell rings.
* No electronics (cell phone, IPod, I phone etc.) If I see them, I will confiscate them.
* Stay in your assigned seat unless instructed otherwise.
* Treat each other with courtesy and behave in a way that allows everyone in class to learn
* Be POSITIVE! Believe that you CAN Succeed!
* Demonstrate your mastery of the learning goals and ask for help when you need it.

1st time offense = Warning 2nd time offense= Call home 3rd Time= Deans and behavior plan

**Materials:** 3-ring binder (2-3”) , Pens & Pencils, Colored Pencils, Notebook paper, Text book and D-C Student Planner.

*Grade Scale:*

*A= 100-90%*

*B= 89-80%*

*C= 79-70%*

*D= 69-60%*

*F= Not an option☺*

**Student Evaluation:**

*All students will demonstrate their mastery of learning goals by standards based assessments.*

Learning Objectives Mastery – 40%

Lab work /Science skills and projects – 35%

Behavior/ Work Ethic- 10% ( work force and college readiness skills)

Final Exam- 15% (culmination of ALL information from semester)

*\*Students are responsible for their OWN work and keeping materials that they may need for the future. \**

\*\*\***I update Infinite Campus weekly. Projects may take longer for grading**. \*\*\*

**SUCCESS MEANS:**

* **Absent work**- If you miss a day, it is your responsibility to **ask your peers** what you missed, gather those materials from the bin , and then ask Mrs. Meredith for further clarification.
* Your success depends on how much effort you put forth and how much pride you have for your work. ***It is your responsibility to ask for extra help and put in extra time if needed.***
* I will give you opportunities to redo quizzes/tests to increase your mastery, however if not redone the grade stays as is. It is your responsibility to then work towards that mastery. **YOU HAVE 1 WEEK to REDO!**
* All Student work turned in must be written in neat handwriting/ type and in complete sentences. Plagiarism is grounds for failure! And is NOT tolerated.
* ***Demonstration of your mastery of the learning goals*** ( Given to you at the beginning of each unit)

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**Be Respectful \*Be Responsible \* Be Positive\***

**Student Name (print)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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