

Miami Beach Senior High School  
Mr. Salisbury  
AP Environmental  
Room #376  
(305) 532-4515

Student Name: \_\_\_\_\_  
Class Period: \_\_\_\_\_  
Date Received: \_\_\_\_\_

<http://miamibeachhigh.schoolwires.com/Domain/358>

<https://edmodo.com/MrSalisbury>

Access Code: \_\_\_\_\_

Download: The "Remind" APP

Text: @ \_\_\_\_\_ to 81010

Email: [salisbury@dadeschools.net](mailto:salisbury@dadeschools.net)

### **Course Description:**

AP Environmental Science combines ideas and information from biology, chemistry and earth sciences, as well as the social science fields of economics and political science. The course is designed to provide the students with the scientific principles required to understand the interrelatedness of the natural world using these different disciplines. Topics of study include water, energy, air and chemical cycles and systems, soil and biome processes, population and land development dynamics, human history and influences, community and ecosystem processes, natural resource exploitation and impacts, environmental economics and policy, and future choices. Students will learn how to identify and analyze environmental problems and come up with resolutions for sustainable living.

Laboratory, field, and internet-based research and investigations are emphasized to familiarize students with contemporary research and problem-solving techniques. Students analyze environmental problems, evaluate risks, collect data, prepare assessments, and investigate complex issues and solutions to prevent, resolve or mitigate environmental problems.

### **AP TEST:**

The A.P. Environmental Science Exam created by the College Board and Educational Testing Service will be administered on **Monday, May 6, 2019 at 12:00pm**. This exam is three hours in length and consists of two parts: a multiple-choice section comprised of 100 questions and forming 60% of the grade, and a free response section comprised of four free-response questions and forming 40% of the grade. The multiple choice section is designed to cover the breadth of your knowledge and understanding of environmental science and includes thought provoking problems and questions based on fundamental ideas from environmental science as well as questions based on the recall of basic facts and major concepts. The free-response section emphasizes the application of principles in greater depth; you will need to organize answers to broad questions, demonstrating reasoning and analytical skills, as well as the ability to synthesize material from several sources into a coherent essay. There are three types of free response questions: data analysis, document based, and synthesis and evaluation.

### **COURSE PREREQUISITES:**

Students enroll as Juniors or Seniors by recommendation of science instructors with the approval of counselors. All students enrolled must have completed Biology 1, Chemistry, and Algebra. The course requires students to analyze and interpret experimental data and mathematical calculations. It is important that these prerequisite requirements be met.

### **Textbook:**

Miller, G. Tyler, Jr. Living in the Environment, 17th edition (2012); ISBN 0-534-99729-5, Brooks/Cole

Additional readings are taken from scholarly journal articles, newspapers, and other supporting text. Case studies provided by the text and other sources are used extensively. Students have access to additional textbooks, AP Test practice material and review books.

**Classroom Materials:**

- Electronic Device **w/ internet access** (laptop, Tablet, Phone, etc.)
- Pens, Pencils w/ eraser (bring extras!)
- Notebook & Graph Paper
- **No calculators can be used on any assignments for the class since calculators are not allowed on the AP Exam in May.**

**ATTENDANCE:**

Students are expected to be in class on time, every day, prepared. Refer to the attendance regulations.

**ASSIGNMENTS:**

Assignments will be posted online. The assignments that are collected may be one of the following: “Do Now’s”, Homework, Classwork, Quizzes, Exams, Projects, Current Events and/or Group Work.

**Grading:**

Exams: Count as 2 grades

Labs & Projects: Count as 1 ½ grades

Classwork & Participation: Count as 1 grade

**CHEATING:**

NO CHEATING or PLAGIARISM. NO EXCUSES.

Students are expected to follow the Miami Beach Senior High Academic Integrity Policy.

**Make-up Work:**

If a student misses an assignment due to an illness or other excused absence, it is up to the student to make up the work. Credit will *only* be given to late work if the student submits an “excused admit” from the attendance office. Assignments will be uploaded to the Edmodo and it will be up to the student to obtain and complete this work. A student has the responsibility to meet to develop a plan for making up missed quizzes and exams or projects. The student will have **One (1) Week** to submit make-up work.

**Classroom Rules:**

Students are expected to follow all District and School rules. Special rules will be issued for labs and projects. Failure to follow these will result in lower individual and overall course grades.

These rules include but not limited to:

- Show respect for your teacher, classmates & school property
- Enter and leave the classroom in an orderly and timely fashion
- Keep your desk and area around you clean at all times
- Use appropriate language
- Keep your hands to yourself
- Follow directions and stay on task

**Passes:**

- NO passes during lesson introductions, quizzes or exams
- NO passes given during the last 20 minutes of class
- Bathroom Pass is for the bathroom ONLY!

**Please sign and return to Mr. Salisbury**

*Return this paper completed and signed by your parent in a timely fashion.*

*Grades for returning: A=1 class, B=2 classes, C=3 classes, D=4 classes, F=5+ classes*

Student Name: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Name: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent E-mail: \_\_\_\_\_ Parent Phone # (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_