Welcome to AP Environmental Science! My summer goal for you is to make you aware of why this subject is so important and how prevalent it is in your daily life.

Our environment is a dynamic one and we face many serious environmental issues such as concerns about endangered species, pollution, acid rain, overpopulation, ozone depletion, climate change, radioactive and toxic waste disposal, energy issues, disappearing habitats, overflowing landfills, food production and many others. Here are the major topics that APES covers:

- Earth Systems and Resources
- Ecosystems and Species
- Human Population
- Land Use
- Energy Resources and Consumption
- Air Pollution
- Water Use and Pollution
- Global Climate Change

The assignment below is due the first day of school:

1. Join our Environmental Science Google Classroom and Quizlet. See Mr. Kennedy for Class codes.
2. Complete the HOME assignment using the link provided in Google Classroom. If you have problems go to www.youtube.com, search HOME.
   *Watch the movie “Home” that was released in 2009 by HomeProject, then answer the questions. (The assigned questions are posted on Google Classroom)
   **When you are completing assignments through Classroom, you need to be logged in to your cusdstudent account. *If you have questions, concerns, or problems uploading, email me and I will try to help you.
3. Analyze three current events. Instructions can be found on the back of this page.
4. Take a picture of some type of pollution that you see over the summer. Print it out. Explain what the picture is showing and how it makes you feel.
5. Bring in a label from a product made from recycled material (at least partially). Explain what it means to be “recycled”
6. Research an organization that is focused on making the world a better place. Explain what their mission is, what they do to accomplish their mission, and what kind of impact they have had.
   Example: The Ryan’s Wells Foundation was spawned from 8 year old Ryan Hreljac’s desire to provide clean and safe drinking water in developing countries. The foundation has built 740 water projects, built 990 latrines, and brought clean, safe water and improved sanitation to 790,000 people.
7. Find your Ecological Footprint on the Global Footprint Calculator website. Go to:
   Follow the instructions to calculate your footprint. When finished print out your results (I did this by right clicking the results and selecting print). Write an explanation from your perspective of why your results are a good or a bad thing.

This summer assignment is due the first day of school

Please review the assignment carefully. If you have any questions, please email me.
INTRODUCTION
Environmental science is a dynamic discipline. Our understanding of environmental issues is constantly changing as we learn more about our impact on natural systems. The way we view these issues is also often influenced by societal and political beliefs. You will be taking a closer look at some of the issues we discuss in class by finding up-to-date information on topics that interest you.

Find a recent (no older than 3 months) newspaper, magazine, or other news article of reasonable length (>5 paragraphs) on a problematic issue in the environment that interests you. News items must be from a reputable publisher (includes paper/online magazines and newspapers, but does NOT include personal websites, blogs, etc.). All news items must also clearly show a publish date and author.

ASSIGNMENT AND GRADING
10 POINTS Provide the following information at the top of your current event. If you cannot find any of the required information, please pick a different article.
   Title:
   Author:
   Source:
   Publish Date:
   URL: (If it was from a printed source staple the article behind the analysis.)

Write an analysis including these headings:

10 POINTS WHAT? Explain with specific details the basis of the article. You may need to do more research to fully understand the article.

10 POINTS SO WHAT? Why is the issue important? Should we be concerned?

10 POINTS NOW WHAT? What can be done about it? What are possible solutions or next steps?

10 POINTS FORMATTING – Typed, single spaced, 12 point font, standard margins, 1 page minimum