

Google Classroom Code: gndmaj4

Whether we are apart of a virtual classroom or physically meeting, obtaining the proper materials can help ensure success: *(these are recommended but NOT required)*

- Notebook (spiral or composition) or binder- **please buy sustainable or recycled if possible!**
- At least 1 package of pens and/or pencils for use during class/labs
- 1 package of graph paper
- Highlighters (at least 2 colors)

Also, I check my email pretty regularly, but the easiest and fastest way to get ahold of me is via the Remind app. **I HIGHLY RECOMMEND that you sign up for the Remind app.**

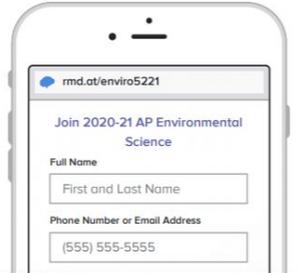
Pick a way to receive messages for 2020-21 AP Environmental Science:

A If you have a smartphone, get push notifications.

On your iPhone or Android phone, open your web browser and go to the following link:

rmd.at/enviro5221

Follow the instructions to sign up for Remind. You'll be prompted to download the mobile app.



B If you don't have a smartphone, get text notifications.

Text the message @enviro5221 to the number 81010.

If you're having trouble with 81010, try texting @enviro5221 to (808) 369-9580.

* Standard text message rates apply.



Part Two:

“UNINTENDED CONSEQUENCES” (5 points): This year, we will focus a lot of time talking about how decisions made by humans have impacted our planet. In that endeavor, we quite often find that one action leads to another, which can have unintended consequences. In this assignment, you will explore the impact of the American diet on the Sumatran Elephant. You will watch a video clip using the program Edpuzzle (this will be used a lot this upcoming year). Watch the video and answer the questions as they pop up. **You will need to complete this activity by Friday, July 17, 2020.**

Part Three:

ENVIRONMENTAL SCIENCE IN THE REAL WORLD (5 points): One of the biggest changes to the Environmental Science test is a focus on experimental design, analyzing environmental problems, and proposing solutions. To prepare you for this shift, read the scientific journal article and complete the accompanying document. **You will need to complete this activity and turn it in by Friday, July 31, 2020.**

Part Four:

APES SUMMER CHALLENGE (15 points): As you prepare to take APES next year, it is important to have a connection to the environment. This summer, I challenge you to complete **ONE** of the actions below. You should keep electronics to a minimum during these experiences - don't listen to music but rather the sounds of nature! You can use experiences while on vacation, or close to home. Instead of writing a paper for this assignment, I'd like you to create a FlipGrid video; There's a lot of freedom here so make your video unique. Be sure to answer the questions listed for each topic, but also think about how you think this may tie into future units of

study this year! **This assignment is due by Friday, August 14, 2020.**

- Go camping - Spend at least 1 night sleeping outside in a tent (or if it is nice no tent!). This can be in your own backyard or on a campground. Cabins/cottages do not count for this activity. If possible, build a campfire and try cooking a meal over it!
 - ◆ Describe your night outside: Did you like your experience? It might be a good idea to film some of your experience for your Flipgrid!
 - ◆ How do you think this relates to our class?
 - ◆ Do you feel more connected to the environment?
 - ◆ Do you think people would care more about the environment if we all spent more time outside?
- Go for a hike - Explore an area of woods or wetlands while focusing on nature. Look high and low, stop to listen to the sounds, and occasionally stand perfectly still to see if you observe anything that you might miss otherwise.
 - ◆ Describe your hike in detail (make part of your Flipgrid while you're hiking!)
 - ◆ Do you see any examples of how humans have negatively impacted the environment?
 - ◆ How do you think this relates to our class?
 - ◆ Do you feel more connected to the environment?
 - ◆ Do you think people would care more about the environment if we all spent more time outside?

Part Four:

Summer Math Review (15 points): You will be allowed to use a calculator on the AP Exam! BUT... you still need to be able to do the math required for this course. By reviewing the math skills needed for APES, you will be well on your way to a successful year. **This assignment should be printed out (just the answer document with work shown) and turned in on the first day of school - Wednesday, August 26, 2020.**