



Welcome to AP Environmental Science (APES)!

I am Ms. Larson and I'm excited to have you in AP Environmental Science this coming year! It's an amazing course and I hope you are looking forward to it. There is a lot to cover and the year is not long enough to give it the justice it deserves, so I need you to take care of a little bit of it this summer.

Your summer homework is:

1. **Purchase (or rent) the 4th edition (preferred) textbook (used is fine) shown below..** It's available online and I've seen some inexpensive ones, or you can search for individuals who may be selling their used textbooks here (**you can also come see me in room 515L before this year is over because I may have some students this year who are selling their textbooks**).
2. **Read Unit 0 in 4th edition** and answer the 3 "Practice Your Skills" questions on page 4. This is to help you start getting used to the line of questioning on the AP Exam. We will discuss them in class.
3. **Complete the fun Scavenger Hunt** (document below) to start thinking about the environment. **This is due the first day of class in August. Be ready to share it on google slides or you can print the photos and make a poster board.**

Friedland, Andrew and Rick Relyea. Environmental Science for the AP* Course. 4th Edition
W. H. Freeman and Company. ISBN - 13: 978-1-319-40928-9



Please email me at aelarson@dcsdk12.org to let me know you received this information. If you have any questions, please **see me in 515L** or email me.

Thank you and I look forward to having you in class!

Ms. Amy Larson

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Chaparral High School Science

Summer Assignment Scavenger Hunt!

(due the first day of class in August)

Your Task

You will be completing an APES scavenger hunt by **locating 10 of the items on the list below**. Take a **SELFIE** (yes I need you in the picture) with each of the items you choose, and use them to create a slideshow or poster board. Each slide should include a selfie and a very brief description of what's pictured, (include the date and location). Of course **be safe**, and feel free to blend new pictures taken in your local neighborhood along with photos you may have taken in the past while traveling. Be creative!

Scavenger Hunt Items (choose 10):



- ☐ An autotroph and a heterotroph pictured together (label which is which)
- ☐ An example of nutrient cycling with description
- ☐ An abiotic and biotic factor pictured together and labeled
- ☐ An example of a single-use plastic item and a reusable plastic item pictured together
- ☐ Side-by-side pictures, one of an area with high biodiversity, and one of an area with low biodiversity
- ☐ An example of symbiosis: mutualism, commensalism, or parasitism
- ☐ An electric or hybrid vehicle and a gasoline vehicle pictured together (can be side by side)
- ☐ Side-by-side pictures, one of a freshwater ecosystem, and one of a saltwater ecosystem
- ☐ An example of a renewable energy source in use (example: solar panels, wind turbines, or hydropower)
- ☐ An example of a weather event with a description
- ☐ An example of air pollution with description
- ☐ Side-by-side pictures, one of a negative human impact on an area, and one of a positive human impact on an area
- ☐ An example of an **ecosystem service** being provided by the environment (look up what this means!)
- ☐ An example of an **economic service** being provided by the environment (look up what this means!)
- ☐ An example of a synthetic fertilizer and an example of an organic fertilizer
- ☐ A picture of an agricultural practice