

Welcome to AP Environmental Science!

SUMMER ASSIGNMENT

**** Due Friday, September 16th ****

- 1.** Sign up for our google classroom using the code: mhz2wg5
- 2.** Summer Reading Assignment.
Please collect **FIVE** current articles related to the environment. They must be from some time in 2016. For each article, complete a Current Events Summary worksheet. You should have **FIVE** completed Current Events Summary worksheets
- 3.** Environmental Laws, Terms and Agencies.
Understanding basic environmental legislation is an important part of the course. This information can easily be found on the internet. Please be sure to phrase information in terms that you understand.
- 4.** Basic Math Review
For the Math portion of the assignment, please be sure to **SHOW ALL WORK**, and **DO NOT** use a calculator! You may use one to check your work, but try to figure out the problems without it. They were designed to be solvable without a calculator because **we cannot use calculators on the APES exam.**

Please email me at calbanesedemair@shsd.org with questions – I will do my best to respond promptly.

Name: _____

Current Events Summary

Source: _____

Title: _____

Summary (5-10 sentences): _____

Why I chose this particular article: _____

How I think it relates to Environmental Science: _____

Name: _____

Environmental Legislation

Directions: Provide the year the legislation was first ratified, and give a brief description of the important components

| Name | Year | Description |
|---|------|-------------|
| Clean Air Act | | |
| Clean Water Act | | |
| Comprehensive Environmental Response, Compensation Liability Act (CERCLA / Superfund) | | |
| Convention on International Trade in Endangered Species (CITES) | | |
| Emergency Planning & Community Right-To-Know Act (EPCRA) | | |
| Endangered Species Act (ESA) | | |
| Kyoto Protocol | | |
| Montreal Protocol | | |
| Safe Drinking Water Act | | |
| Soil and Water Conservation Act | | |
| Solid Waste Disposal Act | | |
| Surface Mining Control and Reclamation Act | | |
| Wilderness Act | | |

Name: _____

APES BASIC MATH SKILLS

Directions: DO NOT use a calculator! These problems have been set up with numbers that multiply and divide evenly to produce whole number answers, just like you would find on a typical APES exam.

1. 14000 millimeters = _____ meters

2. 6544 liters = _____ milliliters

3. 0.078 kilometers = _____ meters

4. 17 grams = _____ kilograms

5. Put the following in scientific notation:

a. 0.025 = _____ b. 1150000 = _____ c. 6070 = _____

**** SHOW YOUR WORK FOR ALL OF THE FOLLOING PROBLEMS ****

6. Write your answers in scientific notation:

a. $(2.96 \times 10^7) + (1.0 \times 10^7) =$ _____

b. $(6.0 \times 10^6) \div (3.0 \times 10^4) =$ _____

c. $(2 \times 10^5) * (3 \times 10^{10}) =$ _____

d. $(8 \times 10^{12}) - (1.2 \times 10^{12}) =$ _____

e. $(2.96 \times 10^7) + (1.0 \times 10^8) =$ _____

f. $(6.0 \times 10^6) \div (3.0 \times 10^{-4}) =$ _____

g. $(2 \times 10^5) * (3 \times 10^{-10}) =$ _____

h. $(8 \times 10^{12}) - (1.2 \times 10^{11}) =$ _____

