

APES Summer Assignment 2018 posted on OneDrive. You will be sent an invitation via school email.  
Go to the Student Portal then Outlook.

#### Task #1

The AP Environmental Science exam will have some mathematical calculations in the multiple choice section, and one of the free response questions always involves mathematical calculations.

**No calculators are allowed during the AP exam.** Therefore, a thorough knowledge of scientific notation, metric and English systems of measurement, and basic computational skills to be performed without a calculator is necessary.

Review (if needed) the APES Math prep.

Then complete Math Scientific Notation Factor Label worksheet.

**The completed worksheet will be turned in the first day of class.**

#### Task #2

Because we will be discussing environmental issues throughout the world, a working knowledge of world geography is essential. All AP Environmental Science students must know the names and locations of the following on a map of the world: all continents, all oceans, major seas and lakes (Caribbean Sea, Gulf of Mexico, Mediterranean Sea, Arabian Sea, Black Sea, all 5 Great Lakes, Caspian Sea, Aral Sea), major rivers and river systems (Amazon, Nile, Mississippi (also Missouri and Ohio Rivers), Yangtze, Ganges, Yellow), major mountain chains (Rockies, Andes, Appalachians, Alps, Urals, Himalayas), and *approximate* locations of some major world cities (New York, Los Angeles, Mexico City, London, Tokyo, Shanghai, Jeddah). Students should also be able to draw the equator on a map of the world within 10 degrees of latitude, know the degree and location for the Tropic of Cancer, Tropic of Capricorn, Arctic Circle and Antarctic Circle

A practice map will be on OneDrive

**A map quiz will be given during the first week of school.**

#### Task #3

Go to <http://www.greenfacts.org/en/ecosystems/>

There are 10 questions and answers on this website. The answers for each question are presented in 3 different levels of depth which allows readers to explore and understand some of the complexities involved.

You should read all three levels of answers for each question.

Level 1 Summary

Level 2: Details

Level 3: Source