

## **APES Summer Assignments:**

**Please Share with all of your friends taking APES!**

**These assignments are to be finished by the end of the first week of school in the Fall. This is to mainly accommodate any late arrivals to class but if you want to wait until then to do them, then have at it (but we will be covering new material that week as well).**

**There are 3 steps below:**

**1 – online textbook assignments**

**2 - math review**

**3 - other online assignments**

### **Items for Review or printing - Not specifically tested or graded**

Please click on and read the following online document (5 Steps to a 5). Read Chapters 1 and 2 and decide what type of Planner you are and be ready to discuss this in detail the first day of school:

## **5 Steps to a 5**

### **1 - textbook / Review assignments**

#### **1. Here are the instructions for accessing the online book:**

1. Go to: [cengage.com](http://cengage.com)
2. Click on: "Sign In" in the top right corner
3. Click on: New Student Use
4. Enter the following code where indicated: [V4EB-45G7-8VTK](#)
5. Then you'll get to a page to create a new account. Follow the prompts and let me know if you have questions.

#### **1) To get ahead for the first couple of weeks in the fall, you can read Chapters 1 and 2.**

**\* Our textbook is *Living in the Environment*- By Miller (18th Edition). I will be checking out your copy in the fall but if you really want a copy, come by and see me for one.**

## 2 - Summer math review

Click and complete the Assignment attached below to the best of your ability.

### Summer Math

## 3 - Online assignments

### A) Biogeochemical Cycles

Watch the following videos and answer the guided viewing worksheets

1) Crash Course: Nitrogen and Phosphorus Cycles:

[https://www.youtube.com/watch?feature=player\\_embedded&v=leHy-Y\\_8nRs](https://www.youtube.com/watch?feature=player_embedded&v=leHy-Y_8nRs)

[Guided Viewing worksheet](#)

2) Crash Course: Hydrologic and Carbon Cycles:

[https://www.youtube.com/watch?feature=player\\_embedded&v=2D7hZpIYICA](https://www.youtube.com/watch?feature=player_embedded&v=2D7hZpIYICA)

[Guided Viewing worksheet](#)

### B) Ocean acidification

**Instructions:** Watch the following videos and take notes regarding Ocean Acidification.

[https://www.youtube.com/watch?feature=player\\_embedded&v=d0kacyyLVB4](https://www.youtube.com/watch?feature=player_embedded&v=d0kacyyLVB4)

[https://www.youtube.com/watch?feature=player\\_embedded&v=5cqCvcX7buo](https://www.youtube.com/watch?feature=player_embedded&v=5cqCvcX7buo)

**Read** the following article regarding Ocean Acidification. Use the **AVID Article Summary Format** to take notes on the this article.

[Ocean Acidification Article](#)

[AVID Article Summary Format](#)

## C) Dead Zones

**Instructions:** Watch the following videos and take notes regarding *Dead Zones*.

[https://www.youtube.com/watch?feature=player\\_embedded&v=XEZpo9uLIc0](https://www.youtube.com/watch?feature=player_embedded&v=XEZpo9uLIc0)

[https://www.youtube.com/watch?feature=player\\_embedded&v=yh5Ev8VEbZ0](https://www.youtube.com/watch?feature=player_embedded&v=yh5Ev8VEbZ0)

**Read** the following article regarding Dead Zones. Use the **AVID Article Summary Format** to take notes on this article.

[Dead Zone Article](#)

## D) Ecological Succession

**Instructions:** **Take notes on "succession" by watching the "Ecological Succession" tutorial below. Watch the film, "Mt. St. Helens- Back from the Dead" and answer the following questions on the guided viewing worksheet.**

[https://www.youtube.com/watch?feature=player\\_embedded&v=V49IovRSJDs](https://www.youtube.com/watch?feature=player_embedded&v=V49IovRSJDs)

[https://www.youtube.com/watch?feature=player\\_embedded&v=KlbnLnHSRzE](https://www.youtube.com/watch?feature=player_embedded&v=KlbnLnHSRzE)

[Guided Viewing Worksheet](#)

After watching the videos, read the article, "*An Earth Without People*". Compare the ideas of succession between the article and the videos using a Box T-Chart (click on link below to see what this is):

[An Earth Without People Article](#)

[Box T-Chart](#)

**Have fun with all of your summer activities AND assignments!!**  
**Email me with any questions ([jkiernan@c-dh.org](mailto:jkiernan@c-dh.org))**