

AP Biology 2016-17

Summer Work

1. Read Chapters 40-43 in your textbook, **Campbell's Biology in Focus** (Urry 1e AP Edition). Complete the Reading Guides for each chapter; these are available on Ms. Corlew's Google site. To access, simply go to the MVHS Faculty/Staff page, and click on "Michelle Corlew." This should take you to her google site. If you have any problems, email one of the AP Bio instructors, michelle_corlew@ipsd.org or melissa_turner@ipsd.org and we can email you the pdf. Reading Guides are due the first day of classes, Tuesday August 23. **Late work will not be accepted.**
2. Set up your account for Mastering Biology, the interactive website that accompanies the textbook. The directions for setting up your account are on the back of this sheet. You will have 4 assignments you must complete through Mastering Biology; once you set up your account and log in to the site you should see a calendar. The assignments can be accessed by clicking on the link that appears on the calendar. The assignments must be completed before midnight on these dates:

<u>Assignment</u>	<u>Due Date</u>
Intro to Mastering Bio	June 24
Chap. 40	June 25
Chap. 41	July 16
Chap. 42 & 43	August 13

You may finish the assignments early, but you will not receive credit for any work submitted after the due date. If you have questions or concerns, please contact one of the AP Bio instructors. You can also contact Pearson support, but they are often slow to respond.

Setting up your Mastering Biology Account:

Go to **PearsonSchool.com/Access** and follow the steps. You will need to know the textbook you are registering for: **Campbell Biology in Focus 1e AP Edition (Urry)** You will need to set up an account with Pearson if you don't already have one; use a login and password of your choosing that you will not forget. No one at Metea will have access to this information. You will also need these codes:

If your last name begins with A-L use this code: SSNAST-SWANK-FINCH-BOTAN-FAKIR-ROUSE

If your last name begins with M-Z use this code: SSNAST-SWANK-FINCH-BOTAN-FAKIR-MUSES

You will need to join the class using this course ID: MVCORLEWSummer2016

Once you have set up your account, be sure to:

- Bookmark the login page: <https://www.masteringbiology.com/site/login.html>
- Write down your login and password so that you don't forget it!
- Try accessing the eText (very handy feature to use when traveling!)
- Complete the first assignment, which familiarizes you with the Mastering Biology program

3. Scavenger Hunt:

Instructions: The scrapbook should be created using PowerPoint or some other presentation device. On each page, you should include the name of the object, a definition of that object, a picture of the object, and a brief description/caption of how the picture fits the definition (ex: The reason this plant is an autotroph is because it creates its own energy through sunlight). Each caption should be a minimum of one complete sentence. The pictures should be of the item with you and/or a consistent object in the picture. The object chosen (a pen, a dollar, a stuffed animal, etc) should be seen in all pictures if you are not in the picture itself. In other words, there should be no pictures used from the Internet. They should all be original photos.

Below is a list of the items you are to include in your scrapbook. The starred objects everyone must include in their presentation. You then may choose an additional 10 terms to photograph (total of 20 pictures/slides). You may work by yourself or with ONE other person. Your presentations need to be shared via Google Docs to Miss Corlew (Michelle_Corlew@ipsd.org) AND Mrs. Turner (Melissa_Turner@ipsd.org) by the first day of school (Tuesday, August 23). This project will be worth 60pts.

___ 1. population*	___ 2. community	___ 3. ecosystem
___ 4. biome	___ 5. autotroph	___ 6. producer*
___ 7. heterotroph*	___ 8. consumer	___ 9. herbivore
___ 10. carnivore	___ 11. omnivore	___ 12. decomposer
___ 13. niche	___ 14. biotic	___ 15. habitat
___ 16. camouflage*	___ 17. abiotic	___ 18. commensalism
___ 19. nonrenewable resource	___ 20. renewable resource	___ 21. pioneer species*
___ 22. mutualism*	___ 23. competition*	___ 24. mimicry
___ 25. parasitism	___ 26. invasive species*	___ 27. ecological succession
___ 28. detritus*	___ 29. eutrophication*	___ 30. endangered or threatened species