

Dear AP Biology Students,

Welcome to AP Biology and thank you for embarking on this challenging and rewarding road with me! I am excited to work with you as you continue to broaden your scientific knowledge. You have chosen to begin an adventure that is both fascinating and rewarding. As you are all aware, Advanced Placement courses are quite rigorous and AP Biology is no exception. We will be completing a course that is equivalent to two semester college courses in addition to a lab course. At times, I will ask you to stretch yourself and the task at hand will seem overwhelming. However, be assured that we are in this together and I am here with you every step of the way. Don't worry while the course is challenging, it is also rewarding!

Your summer assignment begins by:

1. Sign up for Remind 101 (AP Biology 18/19). I will use this to communicate class information quickly. Text @mrskmuhl to 81010. Please do this **ASAP**.
2. Complete the data analysis and graphing packet attached and have it ready to be turned in on DAY ONE of the 2018-19 school year. The new AP Biology curriculum stresses the importance of being able to analyze and graph data. So I need to know the competence of your graphing skills. Please do your best and complete the packet to the best of your ability. You will receive full credit as long as you have completed the packet with your best effort.
3. Complete a Biological Collection Photo Blog. Follow the assignment directions attached and have it ready to be turned in on DAY ONE of the 2018/19 school year. I will set up several days over the summer where I will be able to help with this assignment. I will send out an announcement through Remind 101 to let you know where & when I will be able to meet and help identify items on the blog list, so you can take pictures. I will set up at least 4 meetings over the summer. You must attend at least 1 of the meetings in order to receive full credit for your photo blog. This assignment is just meant to get you outside, review biological vocabulary, and become more familiar with Google.

Thank you,

Mrs. Muhleck

MuhleK01@wsdmi.org

248-931-5904

Assignment #3-Biological Collection Phot Blog

For this assignment, you will “collect” 25 photographic examples of biological terms/concepts and post them on a photo blog. Select any of the items from the Biological Collection List to include in your blog. A hardcopy of your Photo Blog Table of Contents AND a link to your photo blog is due on DAY ONE of the 2018/19 school year. The link should be written on the table of contents and emailed to me (MuhleK01@wsdmi.org).

Directions for the Biological Photo Blog:

1. “Collect” an item by taking a picture of it. Define/Name, in your own words, the biological term/concept. Also explain how the picture represents the term or concept. Use the Biological Collection List to select terms/concepts for your blog.
2. Upload the photo, definition/name, and explanation to a blog that you create for the class. Google’s Blogger is a free and easy blog. Follow the instructions attached.
3. Be creative. If you choose an item that is internal to a plant or animal you could submit a photograph of the whole organism or a close up of one part, and then explain what the part is and specifically where it is in the organism.
4. Use original photos only. You must take the picture yourself. The best way to prove that the photo is your work is to have something in your picture that represents you. This could be a key chain, pen, bracelet, small toy, selfie, ID card in the picture, etc. Submit a picture of you with your proof object when you hand in your assignment.
5. You should only use natural items. Take a walk in your neighborhood, go to the zoo, go for a hike in the woods, etc. Humans are natural items and may be used, but only for a few entries.
6. This is an individual project. Going on collecting adventures with others is highly recommended, but you must submit your own photos. Sharing of photos is not allowed.
7. Be careful and respectful! Never touch plants or animals that you are not familiar with. Don’t kill or hurt any organisms. Don’t remove any organisms from their natural environment.
8. Blog safely. See attached guidelines for safe blogging.

Points	Biological Photo Blog Entry (per photo)	Points	Table of Contents *
1	Original photo posted to blog	3	Blog URL written and emailed to teacher
1	Biological term/concept identified	2	Picture of you with your proof object submitted with table of contents
1	Biological term/concept defined	10	Each biological term/concept listed in the order it appears on the blog
2	Biological term/concept and photo relationship explained fully	10	Blog is easy to follow and neatly presented

* Points in this section are awarded in an all or none format. If the guideline is not fully met, no points will be awarded.

Your photo blog is worth a maximum of 150 points (125 for your photo blog (5 points for each photo blog entry) and 25 points for a completed Table of Contents).

Biological Collection List