

Biology Honors Class - 2022 Summer Assignment

Honors Biology Class is an exciting, fun, and rigorous course that will lay a foundation for all future biological sciences, however, this course requires a special commitment from you. Part of this commitment is a summer assignment. This gives you the chance to demonstrate that you have the best intention of giving this course your dedication, study time, intelligence, and humor.

1. SUPPLIES - Label all your **supplies** and bring them all on the first day of school. Be ready to learn.
Due: 1st Day of School in August

Supplies needed: 1" binder, dividers with tabs,, 2 bound notebooks (**BiN & Lab notebook**), disinfectant wipe, colored pencils, 1 roll of paper towel (each semester)

- **BiN** – Biology interactive Notebook. We will use this notebook to take notes in class and
 - i. Label Front cover: Title (BiN – Biology interactive Notebook), Class (Biology Honor), Biology theme artwork on the cover (can be clip arts or drawn). You can add more as the year progresses.
 - ii. Back cover of BiN: Bio-poem (summer work) and add pictures about yourself.
- **Laboratory Notebook** – label front cover: Title (Biology Lab Notebook), Class (Biology Honors), Biology theme artwork on the front cover. Number each page (on the upper right hand corner)

2. Mini Research Project: Read and research about one science topic you find interesting. Answer the three bulleted questions below. Please give at least three sources. You will likely use this topic for a science project. Remember it can be an engineering project as well. Here is the link to categories for science fair: <https://www.societyforscience.org/isef/categories-and-subcategories/>

- Why are you interested in the topic?
- Background research (at least one page) with three sources minimum (work cited must be included)
- How does this topic affect society? Your community? World? Future?

Please submit this mini research to Google Classroom in the first week of class.

3. Summer Science Experiment - you will be given two small pots and a few seeds. It is your responsibility to take them home and grow them. Be sure to select an independent variable and take pictures once a week to monitor its growth. You may measure the height or leaf size or number of leaves as your dependent variable. If it does not grow and you need to make changes, please email me.

A final note: Don't be intimidated! If you want to succeed you will. Yes, it will take some work, but if you trust me and do what you say, I will provide you with all the tools necessary to be successful and this time next year you will be leaving honors biology and have a whole new perspective on the world around you & even yourself. It is important to remember, though, that I can't do the work for you! That means, "Don't procrastinate on your summer assignments." Schedule some time for honor biology, but the rest of summer, relax, unwind and get ready for a great school year! I can't wait to work with you.

If you need to reach me, you can reach me at amy_ancheta@baldwin.k12.hi.us. Please email me if you have any questions. Also if you will not be checking your school email over the summer, please provide an email you will be checking regularly this summer. Our communication will be through email.