

Science Summer Work Honors Biology

HIGH SCHOOL COMICS - CLAUDIO PATTO & RODRIGO CHAVES



You will be taking biological science, the study of the natural world, next school year. In an effort to prepare you for this course we have created summer assignments for you to complete.

For your summer assignment, **due on the first day of school**, you will be asked to explore two concepts. You are responsible for completing BOTH parts, which are equal to **TWO PROJECT GRADES**. When completing these assignments, please be as creative as possible (entertain us) **WITHOUT** losing sight of the assignment.

Please turn in all science work on the summer science google classroom using the code:

bos5mnen

We look forward to having you in Honors Biology Classes.

Sincerely,
Ms Anderson

Honors Biology

Part 1:

Cellular Energy

All living things require energy. Complete the following google slides presentation to introduce yourself to the concepts of photosynthesis and cellular respiration. These processes are foundational to all of life and it is important that you begin to form an understanding of these concepts to be successful in the year to come.

Click on each link to open each google presentation.

Go to File -> make a copy and create your own version of each presentation by replacing “Copy of” with your last name and first initial in the title.

[Honors Comparing photosynthesis and cellular respiration](#)

[Honors Cellular Energy Cycle](#)

Part 2:

Ecology

Now that you have explored how living things obtain and use energy at the cellular level, you will explore the relationships that exist between living things. You will explore the concepts of ecology by creating a food web in the ecosystem of your choice and watching various videos of relationships between organisms and their environment.

[Design a Food Web](#)

[Interactions between organisms](#)

See Ms. Anderson’s website for more help <https://msandersonbio.weebly.com/>