

# Honors Biology Summer Assignment

Dr. Bauer and Mrs. Goehring - 2021-2022

We are so excited to get to know you all this year! We absolutely love biology and are looking forward to discussing some fascinating concepts in this course. While there will be ***no mandatory work for Honors Biology*** this year, in an effort to help us hit the ground running in August, we encourage you to go ahead and get your biology binder ready and consider exploring the possible summer experiences below.

**Biology Binder:** 1" binder and 4 dividers labeled as follows:

1. Notes
2. Homework
3. Labs and Activities
4. Quizzes and Projects

There are so many ways you can begin to explore biology and science over the summer! Check out the list of possible experiences below and see if there are any that sound interesting to you and fit well into your summer plans. If you complete one of the following activities, take a selfie, and write a brief ~3-4 sentence reflection describing *what you did, what you learned, and how the experience impacted your perspective*, you can turn it in the first week of school for extra credit. Your reflection must be typed in google docs and must include your selfie. You may complete more than one experience, but no more than three for credit.

## Possible Summer Experiences :

- Shadow someone with a career related to biology, including but not limited to the following:*
  - Research Scientist
  - Science Educator
  - Environmental Scientist
  - Wildlife Biologist
  - Physician, Dentist, Veterinarian, or Nurse
  
- Sign up to be a Citizen Scientist and make a difference by contributing to environmental studies in our local area through the [SC Aquarium](#) or [SC Seagrant](#).*
  
- Take part in a [STEM enrichment program](#) either in person or virtually.*
  
- Attend a talk or speaker event. Possible local events include but are not limited to the following:*
  - [James Island County Park Bird Walk](#) - Various Saturdays all summer
  - [Counting on Nature at James Island County Park](#) - various Wednesdays all summer
  - Watch one of the previously recorded [Holland LifeLong Learning Speakers](#)
  
- Read one of these books.*
  - [Shubin, Neil - Your Inner Fish: A Journey into the 3.5-Billion-Year History of the Human Body](#)
  - [Carroll, Sean - The Serengeti Rules: The Quest to Discover How Life Works and Why It Matters](#)

- ❑ *Go to a zoo, aquarium, or science museum and be an active attendee! Read the provided information for each organism you observe and attend keeper talks. This is a great one to consider if you have any summer travel plans - see what places are near your destination! Possible local places include but are not limited to the following:*
  - ❑ [Riverbanks Zoo and Gardens](#)
  - ❑ [SC Aquarium](#)
  - ❑ [Bee City Zoo](#)
  - ❑ [Edisto Serpentarium](#)
  
- ❑ *If you are babysit or taking care of a younger sibling this summer, try one of [these experiments](#) with them!*
  
- ❑ *Go for a hike or kayak trip and make a list of all the animals that you see. Take a picture of any cool plants or animals you see and do some research to figure out what they are later. This is a great one to consider if you have any summer travel plans - see what places are near your destination! Some great local places to check out include but are note limited to:*
  - ❑ [Caw Caw Interpretive Center](#)
  - ❑ [Congaree National Park](#)
  - ❑ [Edisto Nature Trail](#)
  - ❑ [Francis Marion National Forest](#)
  
- ❑ *Watch one of the following documentaries with a friend or family member and discuss what you learned together.*
  - ❑ *David Attenborough: Life on Our Planet* - Netflix
  - ❑ *Mission Blue* - Netflix
  - ❑ *Chasing Coral* - Netflix or YouTube
  - ❑ *Before the Flood* - Disney Plus
  - ❑ *Racing Extinction* - Amazon Prime
  - ❑ *A Plastic Ocean* - Netflix
  - ❑ *The Serengeti Rules* - Amazon Prime
  - ❑ *The Gene* - PBS.org
  - ❑ *Spillover: Zika, Ebola, and Beyond* - PBS.org
  - ❑ *Frontline: Hunting Nightmare Bacteria* - PBS.org or YouTube

*Please feel free to email me over the summer with any questions - [sbauer@portergaud.edu](mailto:sbauer@portergaud.edu)*