

IB Biology HL Year 2: Summer Homework 2017-2018

You've survive a whole year of IB Biology HL... welcome to year 2! And though summer biology homework probably isn't what you asked for from Santa this past year, here it is.

My goal with giving you homework this summer is to help you retain the important knowledge you gained during year 1 and to practice that knowledge with IB Biology HL style questions. To that end, the homework is a set of practice problems found online at the HL Biology Year 2 Google Classroom; first step in completing the summer homework is to join our IB Biology Year 2 classroom with code **qvv3opk**.

Each problem set is linked with a video, POGIL and/or other resource to help review any material that may be hazy, though of course your BioZone book is also a great place to review. Each problem set can be done online with your phone or laptop. Each problem set can be completed multiple times... this means that if you want to go back and fix mistakes, or if you want to do these problems now and then again in August as a last-minute review, you have that option. It's an option – not a requirement! Each problem set can also be worked on with a study group. PLEASE NOTE that a study group is a group of students who help each other understand **why** the right answer is the right answer. A study group is **not** a group of students in which students simply copy each other's answers.

Within the first week of school in August, we will take a quiz based on the material reviewed in the summer homework. So though the marks you earn won't become grades in the gradebook, the practice you gain by doing the homework sets will absolutely lead to a beautiful grade to kick off your senior year.

I am also including here the set of supplies that will be helpful for you to have next year, so you can take advantage of those great summer school supply sales.

Finally, please be sure to spend some time enjoying your summer... and don't hesitate to email me with questions. I will be checking my email over the summer, though not every day.

Recommended Supply List:

- Graphing calculator
- 1.5 inch three-ring binder
- Notebook paper
- Index cards
- Blue or black pens
- Pencils

Trusted Internet Sources:

Google Classroom class code: **qvv3opk**

BioNinja - <http://ib.bioninja.com.au/>

Khan Academy Biology: <https://www.khanacademy.org/science/biology>

Biology For Life- <http://www.biologyforlife.com/syllabus.html>

Crash Course Biology: <https://www.youtube.com/playlist?list=PL3EED4C1D684D3ADF>

If you enjoy reading and you enjoy biology, here are a few NOT required books you might consider adding to your summer list...

Ridley, M *Genome*

Weiner, J *The Beak of the Finch*

Watson, J *The Double Helix*

Skloot, R *The Immortal Life of Henrietta Lacks*

Preston, R *The Hot Zone*