



Kittatinny Regional High School

77 Halsey Road • Newton, New Jersey 07860

Phone (973) 383-1800 • Fax (973) 383-0085



Biology II Honors

The summer assignment for this course is intended to introduce you to the expectations for Biology II Honors. The assignment will give you a small taste of what will be expected and, hopefully, keep your study skills sharp over the summer.

Two book reports are expected to be submitted via Google Classroom. One will be a selection made by you from the suggested reading list. The second will be required for all students. The format will include:

- Title Page
- Introduction - Why did you select this particular book?
- Summary - Highlight the contents of the book. 2 pages should be sufficient.
- Critique - How well was the book written? Was the information presented in a logical manner? Were the points elucidated?
- Inferences - What did you learn? Would you recommend this book to others? Could you relate to the authors point of view?

The objective is to increase your general knowledge of topics of biological interest and pique your intellectual curiosity.

The report for the book of choice is due August 15, 2018. The report on the required book is due on the first day of school in September.

Upon deciding your book of choice, please e-mail me your selection. My e-mail address is tholovac@krhs.net After receiving your selection I plan to e-mail you a code to access our online textbook, *The Basics of General, Organic, and Biological Chemistry, v. 1.0*. I hope to have sufficient number of codes in the shortly but as of this writing, we are awaiting additional codes which will allow for each student to have their own individual code. You can access the book at: <http://students.flatworldknowledge.com> Search for your text by *Professor Holoavacs*. The online text has a number of helpful resources available to assist you in your studies. I will also post PDF's copy of the entire text and individual chapters on Google Classroom under the "About" tab.

In addition to the reading assignments you will be responsible for reading chapters 12 & 13 of our textbook. You can feel free to browse the remainder of the text throughout the summer to become acquainted with the material.

As the school year progresses my expectations will increase. The second half of Biology II is a concurrent anatomy and physiology course offered through Sussex County community college. During this portion of the class you will experience a college-level class and expectations.

Enjoy your summer and welcome to Biology II Honors.

Dr. Holoavacs

Biology II Honors Google Classroom Class Codes:

Period 3 - m5jdzg

Period 5 - 502tdtl

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Required Reading:

<u>Title</u>	<u>Author</u>
Your Inner Fish	Neil Shubin

Suggested Reading List:

<u>Title</u>	<u>Author</u>
Origin of Species	Charles Darwin
The Double Helix	James D. Watson
Rosalind Franklin & DNA	Anne Sayre
In Defense of Food	Michael Pollan
The Omnivore's Dilemma	Michael Pollan
The Botany of Desire	Michael Pollan
Hot, Flat & Crowded	Thomas L. Friedman
The Beak of the Finch	Jonathan Weiner
The Human Genome	R. Scott Hawley, Catherine A. Mori
The Dragons of Eden	Carl Sagan
Cracking the Genome: Inside the Race to Unlock Human DNA	Kevin Davies
Darwin's Ghost: The Origin of Species Updated	Steve Jones
Wonderful Life	Stephen J. Gould
Full House	Stephen J. Gould
The Monk in the Garden	Robin Marantz Henig
Deadly Feasts	Richard Rhodes
Silent Spring	Rachel Carlson
Edge of the Sea	Rachel Carlson
The Lives of a Cell: Notes of a Biology Watcher	Lewis Thomas
Microbe Hunters	Paul de Kruif
Rosalind Franklin: The Dark Lady of DNA	Brenda Maddox
The Way of the Cell: Molecules, Organisms, and the Order of Life	Franklin M. Harold
The Way Life Works	Mahlon Hoagland, Bert Dodson
Summer of the Gods	Edward J. Larson
BioTechnology Unzipped	Eric S. Grace
Genes the fight for life	Brian J. Ford

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