

# Biology 1 Honors 2022-2023

Mr. Saraceni

## Class Overview

This year, students will explore topics around Biology. This is a **HIGH SCHOOL** honors course that will take the Biology EOC (End of Course) exam at the end of the year. This will be a fast-paced, rigorous class environment.

## Class Expectations

Treat each other with the **Dignity** and **Respect** we all deserve as individuals.

Come to class prepared mentally (ready to go) and physically (have a pencil and paper).

This is your education, be an active participant and get as much as you can from every class.

Follow all safety rules. This allows us to do more labs, and eventually, more complex labs.

Have **fun, take chances, and make mistakes.**

Please **stay in your seat** until dismissed. Do not line up at the door.

## Academic Dishonesty

Academic dishonesty will **NOT** be tolerated under any circumstances. Cheating, copying, or plagiarism of any form will result in failure of the assignment, disciplinary referral, and parent contact.

## Technology

Phones are need to be put away and kept on silent.

School computers will only be used for classroom assignments.

## Required Materials

Notebook/folder

Textbook

Pencils



**MOTIVATION**



## Grades

✦ **EOC:** Students who complete this course will take the state required End of Course (EOC) exam which comprises 30% of their grade for the year.

### Overall Course Grade Breakdown

1st 9 weeks	17.5 %
2nd 9 weeks	17.5 %
3rd 9 weeks	17.5 %
4th 9 weeks	17.5 %
State Cumulative EOC	30%

### ✦ Formatives (30% of total grade)

Given periodically throughout each unit (HW, exit slips, etc.).

### ✦ Summatives (70% of total grade)

Tests / Projects given at the end of each unit.

### Late/Make-up Work

Assignments can be turned in for full credit until the end of a unit, then they can be turned in for 80% credit.

### Test Retakes

Any tests may be retaken to 100%. Students must complete remediation before taking a retest to ensure an improved grade.

**\*\*IT IS YOUR RESPONSIBILITY TO RESCHEDULE MISSED ASSIGNMENTS.\*\***

14	p	28.10
<b>Si</b>		
Silicon		
1.90		cfc
1.11	1687	treat
1.32	3538	struc

39	d	88.90
<b>Y</b>		
Yttrium		
1.22		hex
1.62	1799	treat
1.78	3609	

3	f	6.94
<b>Li</b>		
Lithium		
0.98		cbc
1.23	454	treat
1.55	1615	elec

3	f	6.94
<b>Li</b>		
Lithium		
0.98		cbc
1.23	454	treat
1.55	1615	elec

33	p	74.90
<b>As</b>		
Arsenic		
2.18		rho
1.20	1090	treat
1.39	887	

5	p	10.80
<b>B</b>		
Boron		
2.04		rho
0.82	2349	
0.98	4200	enz

92	f	238.00
<b>U</b>		
Uranium		
1.38		ort
1.42	1405	
1.38	4404	

14	p	28.10
<b>Si</b>		
Silicon		
1.90		cfc
1.11	1687	treat
1.32	3538	struc

**B** Be Prepared

**A** Act  
Responsibly

**R** Respect  
Everyone

**K** Keep  
Safe

## **Biology 1 Honors Course Pacing Guide**

### **Quarter 1:**

- Nature of Science
- Macromolecules and Enzymes
- Properties of Water
- Cell Theory
  - Structure and Function of plant, animal and prokaryotic

### **Quarter 2:**

- DNA Replication
  - Translation
  - Transcription
  - Mutations
- Cell Cycle
  - Meiosis
  - Sexual vs. Asexual Reproduction

### **Quarter 3:**

- Evolution and Natural Selection
- Classification
- Plant Organs
  - Structure and function
- Photosynthesis and Cellular Respiration

### **Quarter 4:**

- Food webs
- Biogeochemical Cycles
- Human Impacts
- Renewable vs. Nonrenewable energy
- The Human Body
  - Brain, immune system, reproductive system
- Review of Bio EOC



### **Contact Info**



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