



## Honors Biology Syllabus

Teacher: Mr. Bodhi Stone

School: Franklin Academy Boynton Beach

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Class Website: <https://classroom.google.com/c/MTU5ODEyMDc3MDRa>

Text: Miller, Kenneth R., and Joseph S. Levine. ©2012. *Miller and Levine Biology*. florida ed. Boston, Mass.: Pearson.

Room: 216

School Phone: 561-767-4700

Welcome to Honors Biology. This course will introduce you to the nature of life from the atom to the ecosystem. Expect to be challenged and to work hard during the entire school year; expect to deepen your understanding of science and to stretch your mind in ways you did not know were possible!

### Expectations

Enrollment in Honors Biology is a choice. My expectation is that there will be zero classroom management issues. Any student who disrupts learning or shows disrespect to classmates or the teacher may be "invited" to enroll in regular 8<sup>th</sup> grade science. That said, please review the posted classroom rules:

1. Arrive prepared with a pen or pencil, your science notebook, and completed assignments.
2. Store your backpack under your chair or desk.
3. Take your seat quietly and begin the 'do now' in your science notebook.
4. Follow the CHAMPs guidelines for direct instruction, independent work, and tests or quizzes.
5. Keep your area clean and clutter free.
6. Be kind and courteous.

Disruptions will first be met with a silent, penetrating stare. If that is not sufficient I will give a verbal warning, followed by a detention. However, serious misbehaviors may justify automatic referral to administration and parent contact.

Finally, safety is our priority in the science lab. It is imperative that every student obey all posted lab rules and listen carefully to my instructions. There will be a tutorial on lab safety during the first week of class, followed by a quiz. Unsafe behaviors, including unauthorized experiments, are grounds for removal from Honors Biology.

### Grades

Honors Biology has an end of course (EOC) final exam. 8<sup>th</sup> grade students must pass the EOC final exam in to receive credit for the course. The grade for the year is a weighted average of the four quarters, midterm, and final. Quarter grades will consist of the normal Franklin Academy categories.

<u>Year Grade</u>	<u>Quarter Grade</u>	<u>Grading Scale</u>
Quarter 1 = 15%	Classwork = 20%	A ≥ 90%
Quarter 2 = 15%	Projects = 20%	B ≥ 80%
Midterm = 10%	Quizzes = 25%	C ≥ 70%
Quarter 3 = 15%	Tests = 35%	D ≥ 60%
Quarter 4 = 15%		F < 60%
Final Exam = 30%		

**The Midterm Exam will be during the week of December 17<sup>th</sup> (exact date TBA).** Arrange to take the test early if you are leaving town.

### Academic Honesty:

I encourage students to help each other and to work together to prepare for tests. However, written work should be unique to the individual student; identical answers will not receive points. There are obvious exceptions and you need not worry about them.



### Late Work and Accommodations:

Late work will be accepted for half credit up to one week before the end of the quarter, 504 or IEP accommodations excepted. Excused absences will receive two days grace for missing or late assignments. It is your responsibility to find out what you missed, and to turn it in before the end of the grace period.

Additional time on tests and quizzes will be afforded to students with specific 504 or IEP accommodations as required by Florida law. In case of an excused absence, you have one week to make up the test or take a zero. It is your responsibility to make sure that you make up the test promptly.

### Supplies

- 1 composition book (your science notebook)
- graph paper
- glue stick
- scissors
- mechanical pencil
- metric ruler
- scientific calculator

You may also want to purchase your own safety goggles for the science lab. Although we have safety goggles in the lab for your use, they are not necessarily comfortable (or stylish!).

### Semester 1 Outline

8/14 – 9/5	Unit 1: The Chemistry of Life	1. The Science of Biology	Test 9/5
		2. The Chemistry of Life	
9/6 – 10/3	Unit 2: Cell Structure and Function	7. Cell Structure and Function	Test 10/3
		8. Photosynthesis	
		9. Respiration	
10/3 – 10/24	Unit 3: Cell Reproduction	10. Cell Growth and Division	Test 10/24
		11. Introduction to Genetics	
10/25 – 11/14	Unit 4: DNA: The Central Dogma	12. DNA	Test 11/14
		13. RNA and Protein Synthesis	
11/15 – 12/13	Unit 5: Genetics and Biotechnology	14. Human Heredity	Test 12/13
		15. Genetic Engineering	
12/14 – 12/20	Midterm Review & Midterm		Midterm 12/19 & 12/20

Please note that these dates are approximate and could change due to unforeseeable circumstances. However, because this is an EOC course, we must have a rigorous schedule. You can count on these topics and chapters being on your midterm exam! I will host a review session on the afternoon before a test. Please do not hesitate to contact me with your concerns or questions.

*Let's make this a great year together!*

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I read and understood the class policies above.

SIGNED: \_\_\_\_\_ (student)

SIGNED: \_\_\_\_\_ (parent)