

# Biology Syllabus

City of Hialeah Educational Academy 2021-2022

## Instructor Information

### Instructor

Ms. Abreu

### Email

mabreu@coheaedu.com

### Office Location & Hours

Lab 1;Virtual (MW 2:45-3:45pm)

## General Information

### Description

This course presents an in depth study of life sciences with an emphasis on Ecology (energy, heat distribution, properties and composition of matter, Earth's processes and environment, the biosphere, ecosystems and their communities); Cellular Biology (molecular chemistry and chemical reactions, cell structure and functions, photosynthesis, cellular respiration and fermentation, cell division,); Genetics (classification, biotechnology, DNA and evolution); Anatomy (Human body systems and plant structures).

### Expectations and Goals

Students will be expected to learn, retain information from objectives in order to master material for successful scores of the End of Course Exam mandated by the state of Florida. Students are expected to read material from textbook prior to lessons, show evidence of mastery on assessments, required to complete test corrections when assessment do not show evidence of mastery, and complete all assignments on due dates.

## Course Materials

### Required Materials

- School issued Biology Textbook (website access)
- #2 pencils (test taking)
- Blue or black pens for all written work
- Red pens (for grading and/or annotating)
- 5 Subject Spiral Notebook
- Colors\*
- Lab Fees (\$15.00)

### Optional Materials\*

To reduce parent spending on school supplies, you may bring in the assigned material for your child's period. If you choose not to participate, your child will be required to have his or her own materials for any creative activities they must submit in class. Any parents bringing in various material for the classroom as a donation for parent hours, you must provide a receipt and remember to write your child's name and student ID on the receipt.

### Required Text

## Remind App Codes

Hns Bio P1 @mabreu1  
AP Bio P2 @mabreu2  
Hns Bio P3 @mabreu3  
Biology P4 @mabreu4  
Biology P5 @mabreu5  
Biology P6 @mabreu6  
Biology P7 @mabreu7

### Google Classroom Codes

Hns Bio P1 <https://classroom.google.com/c/Mzc40TAyMDcxODEx?cjc=4yfwpty>  
AP Bio P2 <https://classroom.google.com/c/MzE40TE2Mzc0ODAw?cjc=22x4fzi>  
Hns Bio P3 <https://classroom.google.com/c/Mzc40TAyMDkzNjkz?cjc=xjczdqx>  
Biology P4 <https://classroom.google.com/c/Mzc40TAyMDkzNzQz?cjc=xxtzdiu>  
Biology P5 <https://classroom.google.com/c/Mzc40TAyMDkzNzc0?cjc=orgb6xh>  
Biology P6 <https://classroom.google.com/c/Mzc40TAyMDkzODAx?cjc=zzevd2t>  
Biology P7 <https://classroom.google.com/c/Mzc40TAyMDkzOTQ0?cjc=psikbk6>

Biology Textbook [www.pearsonrealize.com](http://www.pearsonrealize.com)

APBiology Textbook (codes will be provided after wk 1)

### Optional Class Supply

| Period         | Class          | Item             |
|----------------|----------------|------------------|
| Period 4,5,6,7 | Biology        | Cardstock        |
| Period 1,3     | Biology Honors | Color Pencils    |
| Period 2       | AP Biology     | Color Copy Paper |

### Additional Information and Resources

#### Classroom Rules

1. **Respect** for any adult, others, yourself and your environment.
2. **Be Responsible** for your OWN work, making sure it is completed at the best of your ability. It is the student's responsibility to log into our Google Classroom, Remind and Pearson website to obtain makeup classwork and homework. Students have two school days to complete assignments they have missed with an excused absence upon their return.
3. **Complete all instructions** and procedures 'all the way, right away.'
4. **Strive** for excellence all the time and in all we do.
5. **Use Your Manners** and treat those around you the way you would like to be treated.

6. **Leave the Classroom Environment in Better Condition Than You Found It**; clean up the entire classroom of paper, pencils, and trash.
7. **Cellphones are not** allowed inside the lab, students will need to place them within assigned number in wall pouch when entering the classroom. Phones confiscated will be sent to front office immediately.
8. Google Classroom and Remind will be used continuously throughout the year as an additional help or assistance for students to keep up with the class. It will not however, replace any student responsibility to track assignments.

### Virtual Rules

1. **Respect** for any adult, others, yourself and your environment.
2. **Be Responsible** for your OWN work, making sure it is completed at the best of your ability. It is the student's responsibility to log into our Google Classroom, Remind, and Pearson website to obtain makeup classwork and homework. All work must be submitted virtually in the assigned.
3. **Be professional.** Not only must you be in the uniform attire, but also carry yourself in such manner. Maintain an upright position, be in view of the camera and remain on task (taking notes, working in break out sessions, responding via the chatroom).
4. **Maintain a useable workspace.** Keep your area clear, with nearby access

The City of Hialeah Educational Academy Handbook will be followed.

### ABSCENCES:

- In order to make up assignments, student must submit excused absence slip.
- Students have **two days** to make up work if they have completed an absence form. This does not include assignments scheduled well in advance (such as projects and assessments)

### UNIFORM:

- Students are expected to have the proper school uniform at all times.
- Shirts must be tucked in
- Belts are part of uniform requirements
- School jackets/sweaters only
- Improper uniform will result in the appropriate consequence (verbal warning, hero demerit, call home, referral, etc.)

### TARDIES:

- Students must be in class when the bell rings, sitting on their seats working on their morning bell work by 7:30 am.
- Students that are late as of 7:31 must obtain late pass to enter class.

### MAKE UP WORK:

- Students may make up work if absent with an excused absent form.
- Students have **two days** to make up work missed.
- Students will need to log into Google Classroom to view the work they have missed.
- Makeup work will be found in the last two drawers of our filing cabinet as instructed on our first day of school.
- Students are responsible for obtaining the work labeled by date and submitting it within 5 school days.

### HELP SESSIONS& TUTORING:

- Biology EOC Tutoring will begin in January and will run through May.
- Announcements will be made via Remind and Google Classroom.
- Students assigned to tutoring will earn a project grade for each tutoring session and tutoring will be mandatory.

### TEACHER PARENT COMMUNICATION

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- Parents are asked to use the gradebook system in order to keep track of their child's grades and progress in my class.
- Obtain logins from the front office
- There is no limit on how many times parents and students can login to view grades, therefore please use it frequently as I update my grades **weekly**.
- Parents please make sure to have the **accurate** information listed in order to contact you when needed.
- **HERO** will also be used frequently in my classroom to help provide both students and parents with accurate behavioral tracking.
- Lastly, **letters** will also be sent home when needed, via email. Parents please expect these as well after progress reports. Parents are asked to attend Parent Conference Days (will be announced). The first parent will be seen at 3:00pm sharp and our last parent of the evening will be seen by 5:50 pm. First come first serve.

**GRADES:**

- **EARNED** not given.
- The gradebook via [dadeschools.net](http://dadeschools.net) will be used to record all grades.
- Please note that a Z grade will be entered for assignments that are missing (for example: if a student was absent). **After submission of assignment, the Z will become updated to the students earned grade with an excused absence as per Miami Dade County Schools Regulations.**

**Grades Breakdown**

|                                    |     |
|------------------------------------|-----|
| Tests                              | 35% |
| Quizzes                            | 20% |
| Classwork                          | 15% |
| Homework                           | 05% |
| Projects/Cooperative Presentations | 25% |

**Grading Scale**

|                                  |                  |
|----------------------------------|------------------|
| A                                | 100-90           |
| B                                | 80-89            |
| C                                | 70-79            |
| D                                | 60-69            |
| F                                | 50-59            |
| <b>Did not submit assignment</b> | <b>Z (FF=00)</b> |

**MANDATORY LAB FEES:**

- There is a \$15.00 Lab fee that must be submitted to me at the beginning of the year during the first two weeks. This may be done remotely on the school's website.  
[https://www.bridgepay.io/bp\\_store.aspx?menuitem=72&menuOrder=3&subId=202&uuiid=79fafa6f-653f-4fd3-9bc8-b7654e7d0b30](https://www.bridgepay.io/bp_store.aspx?menuitem=72&menuOrder=3&subId=202&uuiid=79fafa6f-653f-4fd3-9bc8-b7654e7d0b30)
- The fee will only cover a small percentage of what is truly invested in labs.
- **CASH OR MONEY ORDER ONLY, NO CHECKS, if submitting in person.**
- Students that fail to submit their lab fee will have to complete textbook work in order to earn a grade for the lab.

**I expect that students will:**

- a. Be on time to class each day.
- b. Wear and respect the school uniform. Students out of uniform will be documented on HERO and notification of main office with repeated offenses. **\*If student is removed from class due to uniform issue, they may not make up any of the missed classwork for that time.**
- c. Bring respect into the classroom. That means treating BOTH your peers and me with respect.
- d. Take the initiative to complete make-up work with an excused absence. Work missed during an unexcused absence will result in a Z grade, **00 points** earned. Tests/quizzes will be made up at the student's initiative with teacher agreement. Dates will be posted on Google Classroom. **GOOGLE Classroom CODES HAVE BEEN POSTED UNDER LINKS UNDER MY SCHOOL PROFILE WEBSITE.**
- e. Have academic integrity. That means no cheating or plagiarizing. Take responsibility for **YOUR OWN WORK**. Know that cheating and plagiarizing will NOT be tolerated and will result in an **immediate referral to the administration, a call home, and F on the assignment.**

**A FINAL WORD:**

A Biology class is an opportunity to explore and discover new ideas, new animals, and facts, express your thoughts and opinions through discussions, experiments, scientific inquiry and a variety of projects. Take advantage. Share your opinion, no matter how shy you are.

Gear up for the challenge, this course has an End of the Year Cumulative Exam that will test your skills. Material I present you, is material that will be tested! Come to class with a positive attitude, willing to learn and I promise you, you will look back and feel proud of everything you have accomplished.

## Lab Safety Contract

This needs to be signed by your parent(s) and returned by the first week of school.

Student Name \_\_\_\_\_ Period \_\_\_\_\_

You must have this contract completed before you can engage in any lab activity.

1. I will conduct myself in an appropriate manner in the lab. I will not engage in horseplay, shoving, hitting, squirting others with wash bottles, running, throwing any object, or play practical jokes.
2. I will follow all written and verbal instructions. If I do not understand any instruction, I will ask the instructor. I will not engage in any unauthorized experiments.
3. I will not eat food, chew gum, or drink beverages in the lab. I will not ingest any chemical from the lab.
4. When I first enter the science room or lab, I will not touch any chemicals, equipment, or materials until instructed to do so.
5. I will know the locations and operation of safety features in the science room and lab. This includes the emergency exits, fire extinguisher, fire blanket, eye wash, first aid kit, and goggles
6. I will not work in the laboratory alone, leave my lab station unattended, or disturb other lab groups unnecessarily.
7. I will consult with my physician about any medical condition (i.e. - contacts, allergies, pregnancy, or asthma) that can pose a hazard and will notify the instructor of any restriction.
8. I will put on lab goggles upon starting the lab and wear them the entire time I am working on the lab (including clean-up) or until the instructor indicates.
9. I will wear appropriate clothing to the lab. Loose and baggy clothes, dangling jewelry are not allowed when conducting labs. I will wear an apron or lab coat if it is necessary. I will tie back my hair if it is long.
10. I will wash my hands with soap and water after working in the lab. I will not touch my face, rub my eyes, or insert/remove contacts until my hands are washed.
11. I will report any accident or injury to the instructor immediately.
12. I will not remove any chemical or material from the laboratory.
13. I will clean up my lab station to its original condition and dispose of any waste according to the instructor. The sink will be free from all debris.
14. I understand that I will be charged for any broken equipment or damage resulting from my negligence.

I, \_\_\_\_\_(student) have read and agree to follow all of these safety rules in this contract. If I fail to adhere to any of them, I may be asked to leave the lab without opportunity for make-up and may be punished according to the student code of conduct. I will cooperate to the fullest extent with my instructor and fellow students to create and maintain a safe lab environment. I am aware that any violation can lead to unsafe lab conditions and can harm others and me.

\_\_\_\_\_  
(student signature)

\_\_\_\_\_  
(date)

I, \_\_\_\_\_  
(parent/guardian)

\_\_\_\_\_  
(date)

have read this document with my student and understand the importance of a safe lab environment and accept the consequences of failing to comply with this contract.

## Student Contract

I, (printed student name) \_\_\_\_\_, agree to follow all of the rules as stated in my syllabus, as well as understand that if I were to ever violate any of the rules, I shall accept the consequences of my actions.

I will treat each of my classmates with absolute respect and dignity. I will not bully my peers and I will prevent any sort of bullying activity that occurs within my class and my school. I will report any acts of bullying to a teacher and/or adult as soon as possible.

I will work together with my teacher to make sure that I complete all assignments that I am given. I understand that if I have questions about an assignment, I am to ask to make sure I know what to do. This is my responsibility as a student, and I will take that responsibility seriously.

I understand that it is my job to be in class on time. I know that being late is not tolerated, and if I were to be tardy, I should have a legitimate excuse for being late. Not having one is unacceptable and I take full responsibility for the punishments listed in the class syllabus.

I will perform all of my work to the utmost of my ability. I understand that I am accountable for my work and that all work is turned in on time. I comprehend that failure to turn in assignments late and not having a legitimate excuse will result in a Z (incomplete) in the grade book and I am not eligible to makeup that work.

I will be an example for others to follow, both inside the classroom and outside. I represent Hialeah Educational Academy, and I will represent my school with pride and honor.

I have read the course requirement, rules, standards and expectations for my class. I understand that academic integrity is expected. By signing this contract, I agree to all the aforementioned information.

Student Name: \_\_\_\_\_

Student Signature: \_\_\_\_\_

## Parent Contract

**PARENTS: AFTER READING AND DISCUSSING THIS SYLLABUS WITH YOUR CHILD, PLEASE HAVE STUDENTS TURN THIS SHEET IN TO ME**

THANK YOU,

Ms. Michelle Abreu  
[Mabreu@coheaedu.com](mailto:Mabreu@coheaedu.com)

I have read and understand Ms. Abreu's Biology syllabus.

Student \_\_\_\_\_

I have read and understand Ms. Abreu's Biology syllabus.

Parent \_\_\_\_\_

## PARENT CONTACT INFORMATION

STUDENT NAME \_\_\_\_\_ CLASS PERIOD \_\_\_\_\_

STUDENT EMAIL ADDRESS \_\_\_\_\_

PARENT/GUARDIAN NAME \_\_\_\_\_

PARENT/GUARDIAN CELL PHONE \_\_\_\_\_

SECONDARY CONTACT NUMBER \_\_\_\_\_

PARENT/GUARDIAN EMAIL ADDRESS \_\_\_\_\_