



Welcome to

# BIOLOGY

Charlotte High School [2019-2020 Class Syllabus]

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*Biology is the study of life. ecological relationships.*

## What will we Learn?

The course will be divided into:

### Unit 1: Biochemistry, Cells, & Genetics

- Chapters 1-9, 21-23
- Students will study the organization and development of living organisms, heredity and reproduction, matter and energy transformations


### Unit 2: Biodiversity & Evolution

- Chapters 10-12, 18
- Students will study: Diversity and evolution of living organisms, classification, body systems

### Unit 3: Ecology and Living Systems

- Chapters 13-17, 25-29
- Students will study Earth systems and patterns, energy, diversity of living organisms, interdependence

## Text & Online Materials

- Biology: HMH ed (accessible through CCPS Launchpad) 
- Join remind: text @b9gdfh9 to 81010
- classroom.google.com will be used to submit online assignments. Please download the app to receive notifications.



## Grading Policy

- Each Unit covered will be worth between 200-300 points, depending on how many chapters are covered.
- Points include chapter notes, vocabulary, vocabulary practice, worksheets, practice tests, EdPuzzle videos or online assignments, Vocabulary Quizzes, and Tests.
- Notebook Checks will also be a part of your quarter grade, and may be graded up to 2 times per grading period. These checks will be worth up to 50 points each.

*A = >90%*

*B = 80-89%*

*C = 70-79%*

*D = 60-69%*

*F = <59%*

\*\*\*Grade will be calculated by dividing the total points earned by the total points possible\*\*\*

## Absences and Make up Work

*Make-up work will be provided for all students, however no activities or assignments can replace the learning that occurs in the classroom when the student is present.*

- Two (2) days for each day of **excused** absences shall be given to complete all class make-up work. **30%** will be taken off work turned in after 2 days. This does not include online homework or Google Classroom assignments.
- *Missing Notes?* Students will be responsible for getting notes from the google classroom outside of class time. Paper copies of notes will be provided if necessary, but the student is responsible for requesting these.
- *Missing a test?* Exams, tests, or quizzes must be made up before school. Please schedule with Ms. Pinkston prior to make ups.

## Understanding Focus Grades



If you see this in focus this means that you were present on the due date of the assignment, and yours was missing. This will reflect a (0) grade until it is turned in for **partial** credit.



This means that you were absent on the due date of the assignment. You may turn the assignment in within the given 2 days. This will reflect a (0) grade until it is made up.

\*\*\*work turned in from an absence MUST have "Absent" on top of your paper and the dates of your absences\*\*\*

# Policies and Procedures

1. Enter quietly.
2. Put cell phone away phone chart in appropriate number
3. Store your backpacks on the back tables for the duration of the class period.
4. Check the board to see what materials you need and bring them to your desk.
5. Go directly to your assigned seat with a writing utensil, planner, and daily materials.
6. Write the daily assignment and any homework in your planner
7. At the end of class, return your book to the shelf & place in numerical order, check your area, and throw away papers/trash.
8. Push your stool under the table (2/table) & check for writing on table.
9. Use restroom and get water **between classes**.



# Supplies

- \*1" Binder
- \*5 pack of section dividers
- \*\*Package of loose leaf paper
- \*Writing utensil (pen/pencil)
- \*Highlighter (optional)
- \*Earbuds (optional)

# Rules and Consequences

Students will follow all school and classroom rules at all times. Deviation from these rules may result in the following consequences at the teacher's discretion.

1. Verbal warning
2. Classroom interference (seat change etc.)
3. School Documentation Form
4. Phone call/ Email home
5. School Referral

# General Course of Study

## Semester 1

- Chapter 1**  
Biology in the 21<sup>st</sup> Century
- Chapter 2**  
Chemistry of Life
- Chapter 3**  
Cell Structure and Function
- Chapter 4**  
Cells and Energy
- Chapter 22**  
Plant Structure and Function
- Chapter 5**  
Cell Growth and Division
- Chapter 6**  
Meiosis and Mendel
- Chapter 7**  
Extending Mendelian Genetics
- Chapter 8**  
From DNA to Proteins

## Semester 2

- Chapter 9**  
Frontiers of Biotechnology
- Chapter 10**  
Principles of Evolution
- Chapter 11**  
The Evolution of Populations
- Chapters 18-19**  
Classification & History of Life
- Chapters 13-14**  
Principles of Ecology
- Chapters 15-16**  
The Biosphere and Human Impact
- Chapters 25-29**  
Human Anatomy and Physiology
- EOC Practice and Review
- Anatomy and Dissections

## Detailed Grading Information

### Vocabulary Sheet

**10 points.** Students will copy chapter vocabulary into their notebooks. Some chapters may have more than one section of vocabulary.

### Vocabulary Practice

**5pts each/ 15points total.** Students will complete vocabulary practice at the beginning of class. This is completed on google classroom.

### Section Notes

**5points:** Notes only. Students fill in the blanks based on the in class PowerPoint

**10-15 points:** Notes+ Review Questions or Activity. At the conclusion of some notes, summary questions or an online activity will be included.

### Worksheets

**10-30 points:** Generally, 2 points per question. Will vary based on difficulty and time required

### Diagram Pages

**5pts/page:** Will be completed from diagrams in textbook. These are to be kept in notebook and will be graded during notebook checks.

### EdPuzzle Videos

3-5 minutes: **5 points**, 5-10 minutes: **10 points**, 15+ minutes: **15 points**

### Vocabulary Quizzes

**30 points.** Quizzes are multiple choice and taken on chrome books.

### Practice Tests

**10 points.** In addition to the points, practice tests will contain at least 25 questions from the chapter test

### Chapter Tests

**100 points.** Students should use practice tests, worksheets, and section notes to study for their tests.