

Biology Syllabus 2021-22

Instructor: Mrs. Lambert — Room: 2409

Email: lindsay.lambert@hcbe.net

Course Description

This course is designed to provide students with a basic introduction to the science of biology through the study of cells and organisms. The main units of study include scientific inquiry, biochemistry, cells, heredity, evolution, classification and ecology. Students also will learn the skills and processes scientists use to gather and evaluate information.

Course Outline – Georgia Standards of Excellence (GSE):

SB1. Obtain, evaluate, and communicate information to analyze the nature of the relationships between structures and functions in living cells.

SB2. Obtain, evaluate, and communicate information to analyze how genetic information is expressed in cells.

SB3. Obtain, evaluate, and communicate information to analyze how biological traits are passed on to successive generations.

SB4. Obtain, evaluate, and communicate information to illustrate the organization of interacting systems within single-celled and multi-celled organisms.

SB5. Obtain, evaluate, and communicate information to assess the interdependence of all organisms on one another and their environment.

SB6. Obtain, evaluate, and communicate information to assess the theory of evolution.

Required Materials

- 3 ring binder
- Pencil and/or pen (blue or black ink)

Recommended Materials

- Notebook dividers
- Colored pencils, Highlighters

Textbook: Miller & Levine (2019) *Biology*. Boston, MA: Pearson Education (Cost: \$130.97)

*Students will have online access to the textbook outside of the classroom.

Grading

Grades will be updated weekly and available to parents and students via the InfiniteCampus parent/student portal. Students and parents should check grades regularly. This course includes a cumulative exam at the end of each semester as well as an EOC. You will be afforded many opportunities to demonstrate your learning; therefore, extra credit assignments will not be provided. The *semester average* will be determined as follows:

Major Assessments 45%

Daily Work 15%

Minor Assessments 20%

Final Assessment/EOC (if applicable) 20%

Honor Code

The academic integrity of courses at VHS is of the utmost importance; as such, cheating or academic dishonesty will not be tolerated. If a student cheats or plagiarizes on any assessment, the result is a zero as a placeholder until the student has had the opportunity to demonstrate learning on an alternate assignment; the teacher must make parent contact.

If cheating or plagiarism occurs on a major assessment, the student should be referred to an administrator for

review. Cheating or plagiarism on a major assessment will also result in alternative discipline or in-school suspension. The ISS assignment will be progressively graduated if it is a repeated offense.

Google Classroom (GC) & Online Textbook

To encourage blended learning, online assignments will be posted weekly through GC. At least one GC assignment per week will be graded and entered in InfiniteCampus. Students should be familiar with how to navigate the online platform, communicate with their teacher, and submit assignments on time. Students will also be given assignments and tutorials using the online textbook. It is required that students become familiar and utilize this technology.

If there are technology limitations, please notify the teacher.

VHS Retesting Policy

Students may retake two major assessments per semester, after completing tutoring/corrections, with the exception of county math requirements. Additionally, a re-test cannot replace a zero for a task never initially completed.

Tutoring

I encourage you to seek extra help with any material that is giving you difficulty. My office hours (tutorial schedule) will be posted outside my room as well as on GC.

*Keep in mind there may be exceptions on days when I have meetings or conferences, however, I will notify you in class and on GC.

Procedures and Expectations

Attendance

- Students should make every effort to be in class every day. If absent, please check the make-up cubby for any missed assignments as soon as you return to school. If possible message/text a classmate and ask them to bring it to you.
- Being absent the day before a quiz/test does not excuse the student from the assessment, unless new material was learned. Make-up tests will be given during SOAR or during my regularly scheduled office hours. Make-up tests may be in a different format than the original test.
- If a test is missed, it is the student's responsibility to schedule a day to make-up the test within 5 school days. If a lab is missed, it will be the teacher's discretion if an alternate assignment or make-up lab is provided.
- If you are aware that you will miss class due to a scheduled event (field trip, doctor's appointment, athletic event...) PLEASE get the work ahead of time. That way you are not behind and playing catch up.
- If you are not in the classroom when the bell rings you will be marked tardy. Disciplinary action for tardiness will follow the student handbook.

Late Work

Work is to be turned in to the teacher directly at the **start** of each class period. Work that is not turned in at the beginning of class will be considered late and a letter grade (A, B, etc.) will be deducted from your grade for each day (24hr period) that it is late, however, you are permitted two FREEBIE late assignments per semester. Use them wisely!

Classroom Behavior Expectations

Students are expected to...

1. adhere to the VHS Student Code of Conduct at all times.
2. adhere to all safety rules and never conduct any unauthorized experiments.
 - Keep in mind students must pass a safety quiz with an 80 or better before participating in the lab.
3. arrive on time, ready for class, and participate in EVERY class activity or lab activity
 - All students are expected to clean up after labs and activities.
4. respect yourself, your peers and your instructor.
 - No speaking when others are talking.
 - Treat others like you would like to be treated.
 - Follow the dress code.
 - Respect all classroom materials...DO NOT WRITE/DRAW ON THE LAB TABLES.
 - Do not have electronic devices out unless instructed to do so by the instructor.
 - Be polite toward the teacher and your classmates.
5. take pride in the classroom by helping to keep it clean.
 - **Food and drink, other than water, are prohibited during class time unless approved by the instructor in advance.**
6. keep movement to a minimum unless an activity requires it.
 - If you must get up, please make a conscious effort to move purposefully and refrain from disturbing the students around you.
7. keep personal technology out of sight unless it is a day/activity that requires it.
 - The instructor will notify you if this is the case.

Consequences

- Minor disruptions/infractions will receive warnings, conferences, and/or parent phone calls. •
- Repeated minor offenses will result in teacher-assigned detention.
- An office referral will occur for major disruptions/infractions, failure to serve assigned detention, or after repeated detention assignments.

"The mediocre teacher tells. The good teacher explains. The superior teacher demonstrates. The great teacher inspires."

— William Arthur Ward

Please return this page to Mrs. Lambert no later than Friday, August 13, 2021

PRINTED STUDENT NAME

PERIOD

LAB SAFETY CONTRACT

General Lab Safety Rules

- Follow all written & verbal instructions as provided.
- Wear proper eye/clothing protection at all times.
- Conduct yourself in a responsible & safe manner in the laboratory environment.
- Be knowledgeable of equipment, safety symbols, & techniques required for each lab.
- Know where/how to get help in an emergency, including the location of the first aid, safety shower, eye wash, fire extinguisher, and fire blanket.

Students must pass a lab safety quiz with an 80 or higher to be permitted to participate in lab activities.

QUESTIONS

1. Do you wear contact lenses? __ YES __ NO
2. Are you color blind? __ YES __ NO
3. Do you have allergies? __ YES __ NO If so, list specific allergies:
4. Is there any medical condition that I need to be aware of? If so, please list:

I have read, understand, and agree to follow the lab safety rules outlined above, located in the lab safety materials, and any others provided in the future. I will conduct myself safely & appropriately at all times in the lab environment. I understand that failure to do so may result in not receiving credit for the lab and/or an office referral.

STUDENT SIGNATURE

DATE

PARENT ACKNOWLEDGMENT

I have read the information provided in the course syllabus and understand the policies, procedures, and expectations. I will support Mrs. Cannon's efforts to ensure my student is successful in this class. I acknowledge that my student must abide by the lab safety rules as outlined above and any others provided by Mrs. Cannon. I have contact information to communicate with Mrs. Cannon if needed:

Email: lindsay.lambert@hcbe.net Phone: (478) 218-7537, Ext. _____

PRINT PARENT NAME

PARENT PHONE #

PARENT SIGNATURE

DATE

PARENT EMAIL #1

PARENT EMAIL #2

COMMENTS: _____