

Biology Syllabus 2021-2022
Teacher: Mrs. Kristi Cannon
Email: kristina.cannon@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

- colored pencils, highlighters
- notebook dividers

Textbook: Miller & Levine (2019) *Biology*. Boston, MA: Pearson Education (Cost: \$83.18)

*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 infinite campus parent 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 the 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.

VHS Retesting Policy

Students may re-take two major assessment 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.

Google Classroom

To encourage blended learning, online assignments will be posted weekly through Google Classroom. At least one Google Classroom assignment per week will be graded and entered in Infinite Campus. Students should be familiar with how to navigate the online platform, communicate with their teacher, and submit assignments on time. If there are technology limitations, please notify the teacher.

Procedures and Expectations

Classroom Behavior

- Students are expected to adhere to the VHS Student Code of Conduct at all times.
- Arrive ready for class; be an active participant in class and/or lab every day.
- Treat everyone with respect. Be polite toward the teacher and your classmates.
- Food and drink, other than water, are not permitted.
- Take pride in the classroom by helping to keep it clean.
- BYOD: Electronic devices may be visible/used ONLY on days when the teacher grants permission.

Attendance

- Students should make every effort to be in class every day. If absent, please check the crate for missed assignments as soon as you return to school.
- Being absent the day before a quiz/test does not excuse the student from the assessment, unless new material was learned.
- 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 not in the classroom when the bell rings you will be marked tardy. Disciplinary action for tardies will follow the student handbook.

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 function of education is to teach one to think intensively and to think critically.
Intelligence plus character – that is the goal of true education."*

~ Martin Luther King, Jr.

Please return this page to Mrs. Cannon no later than Friday, August 6, 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 outlines 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

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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: kristina.cannon@hcbe.net

Phone (478) 218-7537, Ext. 64669

PRINT PARENT NAME

PARENT PHONE #

PARENT SIGNATURE

DATE

PARENT EMAIL #1

PARENT EMAIL #2

COMMENTS: _____
