**THE CLASSICAL ACADEMY**

**GENERAL BIOLOGY SYLLABUS: FALL 2022**-**SPRING 2023**

Instructor: Anna Davenport

E-mail: adavenport@asd20.org

Phone: 719-488-0091 ext. 2246

Biology Text: Miller, Levine. Prentice Hall Biology. Pearson Prentice Hall, Boston. Massachusetts. 2014.

Room #: 2246

Extra help times for students: Flex, lunch, and after school by appointment.

Welcome to General Biology,

I’m excited to experience this school year together! I won’t tell you that this is going to be an easy class, but I do promise to do my best to make it interesting and interactive. You should get yourself ready to do the work of learning. This class might not go very well if you adopt a passive attitude towards the material. We will be memorizing a large chunk of vocabulary and using diagrams consistently. However, do not worry. I am here to do as much as I can to make sure that you are succeeding. I am always willing to help you with whatever you find difficult or challenging. I know that you are fully capable of finding great success in this class.

This syllabus will hopefully answer most questions you might have about how my class works. Therefore, you should keep all pages but the last in the back of your binder. Please review all the information carefully and ask your parents to do the same. You will find the outline of behavior expectations, the supplies you’ll need for class, grading policies, the general topics we’ll explore together, and so on. The **back page** is the only one you need to return to me. I’ll need BOTH, your and your parent’s signature on it indicating that you have read and agree with the information. Let me know if you have any questions.

* Davenport

***MY EXPECTATIONS OF YOU ARE SIMPLE AND INVOLVE YOUR CHOICES ~ Choose to be PROS***

* **Choose to be *Prepared***. In your seat when the bell rings, with your binder, textbook, paper, pen/pencils on your desk and assignments completed.
* **Choose to be *Respectful***. Be supportive, kind and encouraging to those around you (other students, teachers, guest teachers, and property). Always act with integrity in your comments, attitude and actions.
* **Choose to be *On Task***. Focus! Be inquisitive and use class wisely. Stay 100% “in the moment” focusing on learning the objective for the day. If you don’t understand, **ask**!
* **Choose to be *Safe.*** Be careful, mature and responsible.

**ONLINE CLASS RESOURCES-I will primarily use Infinite Campus and Email for access to past class resources and communicating about absences.**

**COURSE TOPICS**

**Fall Semester: Foundation Information of Living Organisms**

* Scientific Method
* Macromolecule*s*: Carbohydrates, Proteins, Nucleic Acids, Lipids
* The Cell: Structure and Function
* Cell Energy: Cell Respiration
* Cell Energy: Photosynthesis
* DNA, Protein Synthesis & Genetic Engineering

**Spring Semester: Groups of Organisms – Structure and Function**

* Mitosis and Meiosis
* Genetics
* Evolution: Introduction and Mechanisms
* Ecology
* Viruses and Bacteria
* Fungi, Protists and Plants
* Animals

**SUPPLIES**

1. 3-ring binder (2 inch size or larger)

All warm up work (lesson prep/reviews), class notes, lab exercises, homework and projects, quizzes and tests will be placed in the proper section of the binder for each unit.

1. 7 dividers with tabs for each unit. **We will set up your binder in class together, so please leave all unlabeled.**
2. Small post-it notes for labeling each section in the unit. **We will set up your binder in class together, so please leave all unlabeled.**
3. Loose leaf notebook paper (college ruled)
4. Utensils, etc.
   1. Pencil, Pen, Red Pen, Dry Erase Marker
   2. These need to be brought to class each day!
5. Any of the following are optional, but *very much* appreciated

(no pressure, just bring in what you can/want)

* 1. Box of Tissues
  2. Clorox Wipes

**BEHAVIOR VIOLATION CONSEQUENCES\***

Since this is a high school class, we will be working to increase responsibility, self- awareness, respect, kindness, and maturity in all that we do. Since no one is perfect, there is a system I use to help every student grow in these areas. Consequences will consistently follow persistent tardiness (which interrupts the class), uniform violations (as per school policy), or disruptive/disrespectful behavior. **Cell phones are not allowed in class during lectures and will be confiscated for the period if they are being used (if I see it, it goes in the holder). No questions asked.**

1st: A reminder of expectations to refocus on the material

2nd: Staying after class to discuss behavior and expectations (probably parent communication)

3rd: Lunch or afterschool study time in my classroom and parent e-mail or call

4th: Sent out of class (office)

\*I might also one warning followed by sending any student out of the classroom at any time based on severity of disrespectful or disruptive action/attitude.

**HOMEWORK**

1. This class follows TCA grading guidelines. Late assignments will be accepted up until the end of the unit. Late assignments will be marked Missing in Infinite Campus as soon as the due date has passed. Assignments will receive NO CREDIT after the end of the unit.
   1. Infinite Campus WARNING: With only a few **prearranged** exceptions, when I enter grades, I immediately mark assignments that have not been passed in as “missing” on IC and change them when I later receive them before the end of the unit. *“Missing” assignments go in as a zero and rapidly decrease grades*. Do everything you can to pass assignments in on time.
   2. “No-Name Papers” cannot be graded, so the student who did the work cannot receive credit until their name is on their paper. If you see a missing assignment that you think you turned in, check the No-Name Folder in class.

**APPROXIMATE GRADE %’S**

20%: Daily Work (Homework, Lesson Prep/Review)

25%: Lab Exercises/Reports

10%: Projects

10%: Quizzes

35%: Tests (Includes Class and Lab information) and Final Exam

**A few grading specifics:**

* **Plagiarism** on quizzes, tests, and specified individual work will result in a “0” for that assignment, an office referral and parent notification.
* **Absences** require *you* to check in with me to talk about what needs to be done to catch up. The rule of thumb is you will receive one day to pass in assignments for each day you are absent. You will also need to makeup tests and quizzes within as soon as possible.

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Return this page to school no later than Friday August 20. Thanks!

**SYLLABUS CONFIRMAION**

I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, have read the attached expectations, grading policy, and communication guidelines. I understand this document and will work hard to follow these expectations and policies. This syllabus will be placed in my Biology binder as a reference and a grade.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(Student’s Signature)

I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, the parent of, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, have read the attached expectations, grading policy, and communication guidelines. I understand this document and will reference it from my children’s binder.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(Parent’s Signature)