

**Biology Syllabus**

**2025-2026**

**Instructor:**

Name: S. Zeinelabdin

Email: zeinesa@richmond.k12.ga.us

Room Number: 703

**Course Description and Objectives:**

This course was designed to continue the student investigations of the life sciences that began in grades K-8 and provide students the necessary skills to be proficient in biology by focusing on the identification of patterns, processes, and relationships of living organisms. This course includes more abstract concepts such as the interdependence of organisms, the relationship of matter, energy, and organization in living systems, the behavior of organisms, and biological evolution. Students will investigate biological concepts through experiences in laboratories and field work using the process of inquiry.

**Textbook:**

Textbooks: Students will be issued individual textbooks for this course. ***Each student is responsible for their own textbook.***

**Unit/Concept Names:**

* **Unit 0: Lab Safety/Scientific Method**
* **Unit 1: Stability & Change in Population Over Time**
* **Unit 2: Patterns in Living Systems**
* **Unit 3: Structure and Function of Molecular Genetics *(1st Semester & 2nd Semester)***
* **Unit 4: Pattern in Heredity & Selection**
* **Unit 5: Stability & Change in Ecosystems**

**Evaluation (Schoolwide Grading Policy):**

* *Minor Grades* = 60% (quizzes, labs, and graded assignments to assess certain standards in a unit of study)
* *Major Grade*s = 40% (unit tests, essays, research papers, project-based assignments, and culminating assessments to measure mastery of standards that comprise a unit of study)

**Classroom Procedures & Expectations:**

The overarching expectation in this class is RESPECT: respect for yourself, respect for other students, respect for the teacher/or any individual in authority, and respect for any guests that may enter our class. Although this encompasses all other expectations, I will outline several others for the sake of clarity.

1. Always Try YOUR BEST!!! I will not settle for anything but your best!!
2. Have the “I can do it” attitude! Stick To It and Don’t Give Up!
3. Remain SEATED and PREPARED at all times.
4. Bring ALL materials to class DAILY.
5. Every student is responsible for helping to maintain a clean, safe learning environment. Your area must remain CLEAN at all times. The floor should be clear of trash, paper, and personal belongings.
6. Adhere to all policies, rules, and regulations outlined in the student handbook, and Laney High School’s Norms.

**Course Materials:**

* Laptop
* Composition Notebook
* Pen/Pencil

Donations appreciated for the following (optional):

**\***Copy Paper \* Hand Sanitizer \*Dry Erase Markers \*Kleenex \* Disinfectant Wipes

**Online Platforms:**

* [Progress Learning](https://app.progresslearning.com/dashboard)
* Gizmo
* Albert.io
* Flocabulary
* Canvas
* Edpuzzle