

**BIOLOGY**

Biology is a **required course necessary to graduate** from Freedom High School. There are no prerequisites for biology. Biology is one of the three remaining **EOC courses**. The EOC will count as 20% of your overall average in Biology.

**Class Expectations**

1. **Respect yourself, the teacher & others**
2. **Put forth your best effort at all times**
3. **Be prepared for class each day**
4. **Follow directions when given**
5. **Pay attention, participate and ask questions**
6. **Preserve a positive learning environment**
7. **Take responsibility for your actions**

**Class Supplies**

- |  |   |
|--|---|
| 1. Three-ring binder with loose-leaf paper | 5. Optional: Pocket calendar            |
| 2. Pen and Pencil for notes or drawings    | 6. Optional: Flash drive                |
| 3. Red or purple pen                       | 7. Optional: Highlighters               |
| 4. Headphones or earbuds                   | 8. Optional: Colored Pencils or Crayons |

**Class Rules**

1. **At the beginning of class turn off your cell phone and place in the Phone Depository. You may pick up your cell phone at the end of class.**
  - Electronic devices (CD players, Ipods, handheld games, mini-TVs or personal DVD players, cell phones, pagers, etc.) are NOT permitted to be used during class unless otherwise instructed by the teacher.
  - Failure to follow this direction is considered insubordination and results in a referral to the office.
2. **No food in class unless instructed by the teacher.**
  - You may have a soda/water/sports drink in class
  - You are not allowed to go get drinks from vending machines or the lunchroom during class.
  - You are not allowed to have drinks out during labs or when we are using MacBooks or iPads. Drinks must be put in your bag or on the back bookshelf during these times.
3. **Arrive to class on time & ready to learn**
  - When the bell rings, you need to be sitting in your assigned seat or you will be counted tardy.
  - Bring required materials to class. If you forget a pencil, I will require collateral.
4. **Never line up at the door before dismissal**
5. **Do not cheat, plagiarize, or copy work**
6. **Use polite and appropriate language**
  - Offensive, derogatory, and profane terms are not tolerated.
    - Disrupting class is taking time away from instruction
7. **Do your best work & turn it in on time**
  - Write your full name on all assignments.
    - I post “no names” on the wall

**Discipline Policy**

The following policy will be followed:

1<sup>st</sup> offense—warning

2<sup>nd</sup> offense—after school detention (30 –60 minutes on Tuesdays only)

3<sup>rd</sup> offense—referral

\*\* Certain offenses (see Student Handbook) warrant skipping directly to a referral. \*\*

**Class Procedures**

- 1. Turn in homework to the proper bin**
- 2. Sign the tardy book**

1 <sup>st</sup> tardy: warning	3 <sup>rd</sup> tardy: PM detention with teacher
2 <sup>nd</sup> tardy: call parent	4 <sup>th</sup> + tardy: administrative referral
- 3. Use hall passes to leave the class to use the restroom or get water**
- 4. Pick up after yourself before you leave**
  - a. **Don't leave a mess**
- 5. Get missed work from your folder, talk to your fellow students, then ask the teacher**

**Laboratory Safety**

You will receive a Safety Contact that you will be required to sign. Failure to adhere to the rules in the Contract during a lab will result in a zero on the lab and/or other consequences.

**Grading policy**

In order for me to evaluate your progress it becomes necessary to establish a grading scale. This scale also lets you know how you will be evaluated in order to achieve the grade you want in the class.

Grade Scale:

A =	Superior work	100 – 90
B =	Above average work	80 – 90
C =	Average work	70 – 80
D =	Below average work	60 – 70
F =	Failure	Below 60

**Grades ratings**

- |   |                            |
|---|----------------------------|
| 15% Quizzes, labs, and daily activities | 10% Literature Reviews (2) |
| 10% CK-12 Homework                      | 20% Projects (4)           |
| 10% Notebook (2)                        | 35% Unit Tests             |

*Final Grade Computation*

- 80% 1<sup>st</sup> and 2<sup>nd</sup> 9-weeks' grades (40% per 9-weeks)
- 20% Final Exam

**Homework, Mini-Quizzes, and Vocabulary Quizzes**

The purpose of homework is to provide practice of concepts discussed during class or to introduce new concepts to be covered in class the following day.

Students will be given a Mini-Quiz at the beginning of class approximately once per week. The Mini-Quiz will include questions regarding the homework assignment and/or recent concepts taught in class. Mini-Quizzes will be graded to check the students understanding of the homework.

Vocabulary quizzes will be given every Friday and come from the vocabulary list given at the beginning of the semester. Definitions are given for you to study, but you will need to complete specific term details every week.

**Notebook**

Students will maintain a notebook using the guidelines provided to him/her on the *Notebook Content Page* I hand out at the beginning of the semester. Notebooks will be turned in at the end of each 9 weeks for a grade.

EXTRA COPIES WILL NOT BE GIVEN FOR WORKSHEETS BECAUSE PAPER IS RATIONED. IF YOU LOSE A COPY, YOU MAY GO TO MY WEBSITE [www.noepley.weebly.com](http://www.noepley.weebly.com) TO PRINT OFF THE PAPER. IT IS UP TO YOU TO GET IT FILLED OUT.

**Literature Reviews**

Students will be required to review two primary literature journal articles. Detailed instructions will be given when assigned.

**Projects**

Students will be required to complete two projects during this semester. Each project will be worth 5% of their total grade (projects are worth a combined 20% of their class grade). The following projects will be assigned during the semester:

*Cell Model Project*  
*Genetics Project*

*Ecology Project*  
*EOC Review Packet*

**Unit Tests**

All tests will be administered online through PowerSchool's testing portal *SchoolNet*.

**Progress Reports**

Progress reports will be sent out at the end of each 9-weeks. For the first 9-weeks' progress report, students will be required to return signed progress reports back to me.

**In School Suspension (ISS)**

If you are assigned to ISS, you are responsible for completing all work I send to you AND all assignments/activities completed during class. It is your responsibility to check the make-up work notebook and folder when you return to class. It is also your responsibility to turn in all work assigned during ISS. Tests and quizzes will NOT be given in ISS. If you are assigned to ISS on a day that a test or quiz is given, you must take the test or quiz before or after school within three (3) school days of the last assigned ISS day.

**Class Website**

[www.noepley.weebly.com](http://www.noepley.weebly.com)

Go here for assignments, worksheets, and updates!

**Textbook**

We use an online textbook for this course.

To join:

1. Go to [www.ck12.org](http://www.ck12.org)
2. Click Join to create an account, or Sign In. Use email and password. (KEEP THIS)
3. Click Groups.
4. Click Join a Group.
5. Enter code: **vrjlx**

**Contact Information**

Email: [nepley@burke.k12.nc.us](mailto:nepley@burke.k12.nc.us)

Phone: (828) 433-1310, extension: 2128

Planning Period: 3<sup>rd</sup> Period

**Pacing Guide**

Known honors extensions for AP biology are marked with an asterisk\*

*Unit 1:* Characteristics of Life and Biochemistry

\*condensation and hydrolysis

Number of Days: 8

*Unit 2:* The Life of a Cell

\*extra organelles

Number of Days: 10

*Unit 3:* Cellular Processes

Number of Days: 7

*Unit 4:* Mitosis and Meiosis

\*spermatogenesis vs. oogenesis

Number of Days: 8

*Unit 5:* Genetics

\*dihybrid analysis

Number of Days: 14

*Unit 6:* Protein Synthesis and Biotechnology

Number of Days: 12

*Unit 7:* Evolution and Classification

Number of Days: 15

*Unit 8:* Ecology

Number of Days: 10

*EOC Review*

Number of Days: 6