

**Biology Honors  
2011-2012  
Mrs. Csolak**

**Office:** Science Dept/Business Dept Office E2 968-1505, ext. 133  
**Office Hours:** My free periods are **B, F, & G**. I am happy to meet with you during these times and at Contact.  
**Email:** [jcsolak@nerinxhs.org](mailto:jcsolak@nerinxhs.org)  
**Website:** You can find my website at <http://csolakbiology.wikispaces.com>.

**Syllabus**

**First Quarter: Scientific Method & Experimentation & Organismal Biology**

Prologue: Intro to Biology, Scientific Method

Chpt 18: Diversity and Variation: Taxonomy

**Begin Planaria**

**Regeneration Exp**

Chpt 17: Origin of Life; Chpt 18: Organization of Life, Organ Systems,  
Body Plans, Symmetry; Chpt 19: Changes in Species: Evolution

**Second Quarter: Cellular Biology**

Chpt 1: The Chemistry of Life  
Testing for Organic Compounds

**Planaria Regen Report**

Chpt 6: Cell Structure and Function

Chpt 3: Exchanging Materials with Environment

**Third Quarter: Molecular Biology & Reproduction**

Chpt 2: Enzymes; Chpt 1 & Chpt 8: DNA & RNA Discovery, Structure,  
& Synthesis

**Microbiology lab & report**

Chpt 9: Protein Synthesis

**Transformation Lab & Report**

Chpt 8: The Cell Cycle (Mitosis)

Chpt 12: Reproduction (Meiosis)

**Fourth Quarter: Genetics & Cellular Processes**

Chpt 13: Patterns of Inheritance

Chpt 14: Other Forms of Inheritance

Chpt 4: Photosynthesis

Chpt 5: Cellular Respiration

**Teaching Format**

We will begin each chapter with a reading assignment and questions to answer that are geared to making you **read** the textbook. We will use these questions as a starting point for discussing the material and taking notes. Labs will be done with each chapter. There will not be written homework every night, but **reading** is a standing assignment. Every night students should review the class notes for the day and read the corresponding section of the textbook. This year we will have **quizzes** once or twice a week to keep students focused on the daily material presented in class. Notes will be available on the website prior to class and should be read and copied into your notebooks prior to class. During class, you can then add notes of your own for clarification.

### Class Expectations

1. Every student should have a notebook or binder that will be used exclusively for Biology.
2. Every student must purchase a logbook for science experiments and bring it to all classes.
3. Arrive to class on time. Go to the bathroom before class begins!
4. Come to class prepared. Have all necessary items with you when you enter the room.
5. Late papers will be accepted, however 1/5 to 1/3 of the points will be deducted depending on how late the paper is. Assignments will be due at the beginning of the class, thus turning it in at the end of class is **late**. No late papers will be accepted once the graded papers have been handed back.
6. Every student is expected to complete her own work.
7. Treat all lab animals (alive or preserved) and equipment with respect.
8. Clean up your work area and all equipment when finished with a lab.
9. Treat your classmates, teacher, the room and all property with respect.
10. Labs will be completed with partners and some lab reports will be done with partners. Both partners need to actively work on labs and reports. Please let me know if you are having problems with a partner. All labs must be made-up if you miss the day.
11. A chapter test will be given with each chapter we cover. If a test is missed, it must be made up in the resource center on your own time. The test should be completed the first day you are back to school, unless there has been an extended illness.
12. I expect every student to pay attention in class, do homework assignments, and work hard. As a reward for your individual efforts, you should find the class to be interesting, enjoyable, and hopefully, FUN!

**Academic Honesty:** The Code of Academic Honesty will be strongly enforced. As found on p. 23 of the Nerinx Hall High School Student Handbook, the Code reads: "Personal integrity is essential to both self-esteem and a vision of Christian womanhood. For this reason, academic honesty is essential at Nerinx Hall. Students learn a sense of personal discipline, which prohibits the following behavior:

**Cheating:** submitting someone else's work in class assignments, homework, papers, tests, or examinations as your own, or using unauthorized information on a test or an examination.

**Plagiarism:** the copying or rewording of phrases, sentences, or ideas from a book, magazine, internet source, or anything else without indicating the sources you have used.

While Nerinx Hall faculty recognizes that a sense of personal failure and the disapproval of others are in themselves consequences of dishonest behavior, the following consequences will occur:

1. Clear intentional evidence of plagiarism or cheating will result in a grade of 0 for that test, examination, or assignment.
2. The student is further required to write a letter of apology to the community. This letter will be submitted to the principal."

### Grading Scale

This class is graded on the total points system. Your grade is determined by adding up the total points you've earned, divided by the total points possible for the class. Every point is equal to every other point.

A+ 98-100%	B+ 88-89%	C+ 78-79%	D+ 68-69%
A 93-97%	B 83-87%	C 73-77%	D 63-67%
A- 90-92%	B- 80-82%	C- 70-72%	D- 60-62%