

Biology B Syllabus

SUBJECT: Biology
TEXTBOOK: Glencoe Biology 2009 and additional practice books
ON-LINE TEXTBOOK: <http://glencoe.mcgraw-hill.com/sites/0078802849/>

INSTRUCTOR: Candice Allen
PUBLISHERS: Glencoe

Course Description: Biology I is a course that introduces students to the world of living things. The students explore the following:

- basic life processes at the molecular, cellular, systemic, organismal, and ecological levels of organization within the biosphere;
- interdependence and interactions within the environment to include relationships, behavior, and population dynamics;
- cultural and historical scientific contributions of men and women;
- evidence that supports biological evolution; and
- current and emerging technology applications.
- It is the expectation that students will experience the content of Biology I through an inquiry approach. Using available technology, students will investigate the world around them.
- Biology I will provide the student with knowledge, prerequisite skills, habits of mind needed for daily living and ethical decision-making. This course provides a foundation for advanced biological studies and personal career choices.

Biology B is designed to help students learn, practice, and internalize strategies that are essential life-long learning skills for reading, writing, understanding, and interpreting content specific materials. Please be aware that Biology B is an EOC Course. The EOC will count 20% of a student's total grade for the year!

Materials needed EVERYDAY: Loose leaf paper, pencil/pen, textbook, gray workbook, one thin expo marker, 2 or 3" binder with dividers ... I highly suggest that students purchase a set of colored pencils or markers to be brought to class daily a calculator may prove useful as well. Any additional materials that may be needed will be announced well in advance of needing them.

Please use only blue or black ink or pencil on all assignments and pencil only on all tests.

Grades: Grades will follow the school grading scale as follows:
A=93-100, B=85-92, C=75-84, D=70-74, F= below 70

Each student will be required to keep a notebook containing all bellwork, quizzes, any notes, activities, and all graded scan trons. Again, students will be required to have a section in their notebook with all bellwork questions which will be given daily. Bellwork will be taken up randomly throughout the nine weeks.

If a student is absent he/she will be required to obtain all missing work and bellwork.. If you miss a test, you will be expected to make it up after school by the following Thursday. If you can not come after school, you will be expected to arrange with me a time before or after school to make it up. **Failure to make-up a test by the deadline will result in a write-up for academic detention!** The student's nine weeks grade will be composed of all graded assignments, tests, quizzes, projects, bellwork grades, and extra credit. Students will be required to do two Scientific Journal Article Reviews per nine weeks. Due dates will be announced.

Grading Policy: Each assignment will be given a point value. The grades each grading period will be calculated by adding up the points earned and dividing by the total possible points. This number will then be multiplied by 100 to get a numerical grade. 20% of each student's semester grade comes from the midterm and EOC. Nine weeks tests are worth 15%. ***ALL TESTS ARE CUMMULATIVE!!!***

Failure to follow directions OR put your name on any assignment will each result in a loss of 10% of the points for the assignment. Students **must** turn in all assignments. Failure to turn in work will result in your name being turned in to Mr. Show and he will assign you detention. Late work will receive a **maximum** grade of 75%. Any student who is struggling is encouraged to come in for tutoring in room 309 on Tuesdays or Thursdays from 3:00 to 4:00. **IF YOU ARE FAILING BIOLOGY AND YOU DO NOT VOLUNTARILY COME IN FOR TUTORING, YOUR NAME WILL BE TURNED INTO MR. SHOW AND HE WILL ASSIGN YOU MANDATORY TUTORING.**
** I will not take work more than one period early!

Discipline: Students who violate established rules will be disciplined as follows

Negative Consequences

1. Warning
2. Teacher-student conference
3. Parent Contact
4. Office Referral

Positive Consequences

1. Name on All-Star wall
2. Extra Points
3. Call or E-mail Home
4. Certificate
5. Tickets for Drawing
6. Verbal Praise

I RESERVE THE RIGHT TO EMPLOY OTHER DISCIPLINE MEASURES AND /OR SKIP OR ADD STEPS AT MY DISCRETION.

SEVER CLAUSE-ANY EXTREME MISBEHAVIOR (PROFANITY, DISRESPECT, THEFT, ETC.) WILL RESULT IN AN IMMEDIATE TRIP TO THE OFFICE.

Absences and Tardies: See student hand book.

Make-up Work: See student hand book.

Extra Credit: Bonus questions will be given on all tests/quizzes. A list of extra credit opportunities is located on the wall next to the door. Other extra credit opportunities may be provided on a group &/or individual basis at the teacher's discretion. (If the student/class has shown that they have put forth effort in my class, I will be inclined to assign extra credit.) *I do not curve grades.*

Graded Papers: I highly suggest that you keep all graded papers. You need to keep all papers at least until the end of the nine weeks in which they were done. If I make a mistake in the grade book and you do not have the graded paper, I WILL NOT CHANGE THE GRADE.

Tutoring: I will be available to tutor students who are struggling after school on Tuesdays and Thursdays from 3:00 to 4:00 unless otherwise announced. I will also be available most mornings by 7:00. **IF YOU NEED TO SEE ME IN THE MORNING, YOU MUST GET A PASS FROM ME!!!**

Study Materials: The on-line textbook found at <http://glencoe.mcgraw-hill.com/sites/0078802849/> has a large number of study and review materials. These materials include: Brain Pop Movies, Interactive Timeline, Multilingual Glossary, Study to Go, Vocabulary eFlashcards, Fast File – Careers in Biology, Chapter Test Practice-English, Chapter Test Practice-Spanish, Concepts in Motion, Interactive Tutor, Standardized Test Practice-English, Standardized Test Practice-Spanish, Virtual Labs, Web Links, Personal Tutors, Internet BioLabs, Section Launcher Movie, Self-Check Quizzes-English, Self-Check Quizzes-Spanish. **I HIGHLY SUGGEST YOU USE THESE EXTRA MATERIALS TO STUDY, REVIEW OR CLARIFY UNCLEAR CONCEPTS!**

*** I freely admit to being human, therefore I can on occasion make mistakes. If I grade an assignment, test or quiz and make an error that is to your detriment, please respectfully bring this to my attention and I will correct the mistake. ***

Schedule for the Year (tentative)

First Nine Weeks

Chapter 1- The Study of Life
Chapter 2- Principles of Ecology
Chapter 3- Communities Biomes and Ecosystems
Chapter 4- Population Ecology

Second Nine Weeks

Chapter 6.4 – The Building Blocks of Life
Chapter 7- Cellular Structure and Function
Chapter 8- Cellular Energy
Chapter 9- Cellular Reproduction

Third Nine Weeks

Chapter 10- Sexual Reproduction and Genetics
Chapter 11- Complex inheritance and Human Heredity
Chapter 12- Molecular Genetics
Chapter 13- Genetics and Biotechnology

Fourth Nine Weeks

Standard 5: Biodiversity and Change

Chapter 15- Evolution
Chapter 16- Primate Evolution
Chapter 17- Organizing Life's Diversity
Chapter 31-
EXAM REVIEW and teacher's choice