

CENTRAL HIGH SCHOOL
Biology I
Mrs. Nikki Shifflet
COURSE SYLLABUS

Course Description:

This course is a discussion and laboratory based course about the study of life, ranging from the scientific method, cellular processes, molecules, genetics, the kingdoms, and classification.

NOTE: This course is required as a prerequisite for Chem. Com and Inorganic Chemistry.

Lab Fee- 2 semesters

Course Objectives:

Upon successful completion of this course, students will be able to:

- Know and apply the concepts, principles and processes of scientific inquiry.
- Know and apply the concepts, principles and processes of technological design.
- Know and apply the concepts that explain how living things function, adapt and change.
- Know and apply concepts that describe how living things interact with each other and with their environment.
- Know and apply the accepted practices of science.
- Know and apply concepts that describe the interaction between science, technology, and society.

Required Class Materials:

- Textbook
- Writing Utensils
- Notebook
- Folder
- Calculator
- Colored Pencils
- 3 Ring Binder
- Student Responder (distributed at school)

Text: Biology: Exploring Life-

Course Outline:

Nature of Science	Plants
Cells	Invertebrates
Genetics	Vertebrates
Biological Diversity	Human Structure & Function
Virology	Ecology
Microbiology	* Tentative outline-subject to change.

Major Assignments:

Lab Reports-As labs are completed

Major Project (research based) - due in February

Dissection of fetal pig- May

*This list is tentative and is subject to additions/changes

Grading:

A 100-92%

B 91-85%

C 84-77%

D 76-70%

F 69-0%

* Homework, lab reports, quizzes, etc will count for 50% of your grade.

* Tests will count for 50% of your grade.

Class Policies & Procedures:

- **Quizzes/Tests:** The student will be responsible for any and all information read in the text, presented during class, explored in labs/activities, and viewed in graphics/videos. *Quizzes over reading in the text may be unannounced. Always be prepared!
- **Semester Assessment:** Semester exams for the course will be administered. Each exam will count for 15% of each semester grade.
- **Homework:** Each topic explored will have assignments that are to be completed by the student. Students are required to complete all work assigned by the due dates. All work is due at the beginning of the class period or when specified by the teacher. **If it is not turned in at that time it is considered late and will follow the late policy.**
- **LATE POLICY:** You have until 8:15 a.m. of the following calendar day to turn in assignments for 75% of the available points. After 8:15 am, it will no longer be accepted for credit and a grade of 0 will be given. Late assignments can be turned in to me directly or to my mailbox in the office.
- **Absences:**
 - **Unexcused absences:** Any assignments due on a day when a student has an unexcused absence will be given the grade of 0.
 - **Excused absences:** Students will have two days per day absent in order to make up homework missed. If not made up in the allotted time, it is late and will follow the previously mentioned late policy. **This goes for tests, quizzes, labs, homework, etc.**

*The instructor reserves the right to allow students extended time due to special circumstances (extended illness, death in family, major project that cannot be completed at home, etc.) Students must have conference with the instructor in order to be granted an extension.
 - **5 or more absences:** (medical, pre-approved absences for school related activities, DOS, and ISS--not included) in this class over the course of the semester will receive 0's for all homework and projects due beyond the 5th absence as outlined in the student handbook.
- **Extra Credit:** There is **NO** extra credit given in this course unless it is a direct assignment given by the instructor to the entire class.
- **Miscellaneous:**
 - If your work does not have your name on it and/or is illegible it makes it hard to grade. This may result in a zero.
 - Cheating in ANY form will not be tolerated. Action will be taken according to the handbook.
 - Any work done with the Turning Pint program must be completed with the student responder. If a student does not have his/her responder the grade will result in a 0.

Instructor Contact:

Mrs. Nikki Shifflet can be reached by the following:

- Telephone:(815) 694-2321
 - Please leave a message with office personnel (name, student's name, reason for calling, best time to call, and phone number)
 - Email: nshifflet@cusd4.org