

Sharyland ISD
Sharyland Pioneer High School
BIOLOGY DEPARTMENT
Biology I

Name of Instructor: Nancy Ochoa-Garza

Room: 219

Telephone Number: 271-1600

Conference period: 1st Block

E-mail Address: See teacher web page for link

8:05 – 9:35 am

Course Name: BIOLOGY I

Catalog Course Description:

The first semester of this class emphasizes use of the scientific method, biochemistry, cell structure and function, cellular transport and the cell cycle, DNA and genes, and the basics of genetics and inheritance patterns. The second semester emphasizes the principles of evolution, ecology, classification of plants and animals, viruses and bacteria, body systems, and the dissection of the fetal pig.

Expectations of Biology I Students:

1. Strive to do your very best.
2. Attend class regularly because “when you miss school, you miss out!” School sponsored events are not counted as absences.
3. Follow classroom rules as well as those established as school policy
4. Complete all assignments and **do not copy from your classmates**. Assignments are meant for your understanding of the content and preparation for the test. **If you are caught copying an assignment, you will receive a zero with no opportunity to make-up the assignment and it will be documented.**
5. It is expected that all assignments be turned in as soon as you walk in to class. **Late work is not acceptable.**
6. If absent, follow the school policy for make-up work.

Classroom Rules:

1. Be in your assigned seat when the bell rings.
2. All electronic devices are to be put in the cell phone box at the beginning of class. If a student refuses to turn in a cell phone and is caught with it, the cell phone will be confiscated and district cell phone policy will be implemented.
3. Bring **all appropriate materials to class**.
4. Follow directions.
5. Do not leave the room without permission.
6. No personal grooming during class time.
7. No food of any kind or drinks in the classroom.
8. Respect your peers as you want to be respected.
9. Keep hands, feet, and objects to yourself.
10. Stools should be placed back on top of the lab tables at the end of the class period.
11. Smart watches will be collected during testing and returned after everyone is finished with the testing in class.
If a student is caught with one during testing, device and test will be picked up and a zero will be given and documented with no opportunity for retesting

Course Outline:

SEMESTER I	SEMESTER II
Week 1: Introduction to Biology and Biochemistry	Week 9: Evolution
Week 2: Biochemistry	Week 10: Evolution
Week 3: Cells and Cell Processes	Week 11: Classification and Diversity
Week 4: Cell Processes	Week 12: Ecology
Week 5: Cell Cycle	Week 13: Ecology
Week 6: Genetics: Patterns of Inheritance	Week 14: Plants and Human Systems
Week 7: DNA and Protein Synthesis	Week 15: STARR EOC Biology Review
Week 8: Semester Exam	Week 16: STARR EOC Biology Exam
	Week 17: Dissections and Final Exam

Textbook: Biology: Houghton, Mifflin, and Harcourt: <http://my.hrw.com>

Username: _____

Password: _____

Grade Distribution

60% Major Assignments

40% Minor Assignments

For more information refer to district website on grading policy.

I HEREBY AGREE THAT I HAVE READ THE ABOVE INFORMATION AND AM AWARE OF THE CONDITIONS SET FORTH BY THE TEACHER.

STUDENT'S SIGNATURE

PARENT'S SIGNATURE

STUDENT'S Name (Print)

PARENT'S Name (Print)

Class Block

PARENT'S phone contact

Materials Needed for Biology:

The following list of materials needs to be brought to class every day.

1. Notebook – 3 ring Binder (1 inches); any color (do not write on!)
2. Notebook paper - wide or college rule
3. Dividers - set of eight
4. Blue or black ink pen (for all assignments)
5. Red ink pen (for grading and for corrections)
6. Pencil
7. Map colors/crayons
8. Glue sticks