



Biology Syllabus

Name of Instructor: Roxanna M Treviño (Ramos)

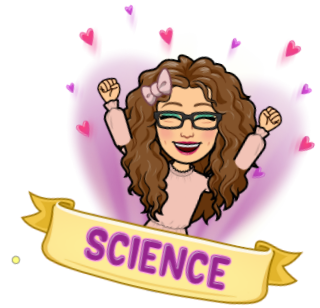
Telephone Number: 580-5300 ext.1349

E-mail Address:

Room: Science Bdg.156

Conference period: 1st Block

Tutoring: Tuesdays 4:15 - 5



Catalog Course Description:

The first semester emphasizes laboratory safety and equipment, 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 evolution, principles of ecology, ecosystems, classification of plants and animals, protists and fungi, viruses and bacteria, body systems, and the dissection of the fetal pig. Rigor will be stressed in all topics to help ensure success on the Biology EOC.

Expectations of Biology I Students:

1. It is expected that you will strive to do your very best in all activities in this class.
2. It is expected that you complete all assignments and turn them in on time.
3. It is expected that you attend class regularly because "when you miss school, you miss out on the expectations needed for success in Biology. School sponsored events are not counted as absences.
4. It is expected that you follow the classroom rules as well as those established as school policy.
5. It is expected that all instructions given for an assignment are followed precisely. Points will be deducted for not following instructions (NFI)!
6. It is expected that all terms used in assignments be spelled correctly and completely.
7. It is expected that vocabulary words be defined completely, either according to the definition given in the class notes or in the textbook. Failure to do so will result in the loss of points. You must also include an illustration of each term.
8. It is expected that extra time be spent on laboratory assignments that are not completed during class. The lab is generally open from about 7:45 am until at least 4:30 pm. Additional time can be arranged with the teacher.
9. It is expected that you follow the school policy for make-up work when you have been absent. It is your responsibility to ensure that you get the assignments you missed, not the teacher's.
10. It is expected that when you will miss class due to an extra-curricular absence that you turn in all assignments that will be due during your absence before you leave.



Course Outline:

SEMESTER I	SEMESTER II
Week 1: What is Biology?/Biochemistry	Week 9: Molecular Genetics-DNA/RNA/Protein Synthesis
Week 2: Biochemistry /Cell Structure and Function Prokaryotes/Eukaryotes	Week 10: Evolution
Week 3: Cell Structure and Function Prokaryotes/Eukaryotes	Week 12: Human Impact Ecosystems and Classification
Week 4: Viruses/Bacteria	Week 13: Protista and Fungi
Week 4: Cellular Processes/Homeostasis	Week 14: Plants Diversity/Structure and Function/Plant Growth, Reproduction, and Response
Week 5: Cellular Transport/ Photosynthesis / Cellular Respiration	Week 16: Ecology / Review for EOC
Week 6: Cell Cycle	Week 17: EOC Testing/ Levels of Biological Systems
Week 7: Genetics-Patterns of Inheritance And Mendelian Genetics-DNA	Week 17: Human Body Systems/Fetal Pig Dissection
Week 8: Review and Semester Exam (CBA#1)	Week 18: Review and Semester Exam (CBA#2)

Textbook: Texas Biology by Houghton, Mifflin, Harcourt

Materials:

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

1. Chromebook (CHARGED DAILY)
2. 1 Subject notebook
3. 1in Binder
4. Markers/Colored pencils for diagrams
5. Pencils and Pens

Each student will be asked to bring ONE of the following items to leave in class(If we return to school):

- Clorox Wipes
- Box of Tissue
- Hand sanitizer



Classroom Rules:

The following is a general list of the classroom rules to be followed during the school year. All rules are designed for your safety and the safety of others in a laboratory classroom and for the atmosphere needed to provide all students a learning environment.

*****IGNORANCE OF THE RULES IS NO EXCUSE!!!*****

1. Materials mentioned above must be brought everyday to class. Failure to complete any assignment because of missing materials **will result in a zero for that day of work.**
2. Be prompt and never be late to class. Be in your seat when the tardy bell rings. The classroom door will close and lock at the bell. You will not be allowed into class without a tardy pass.
3. Stay in your seat during the lecture. Do **NOT** disturb class during lecture. Bathroom passes will only be given for emergency purposes and those needs need to be taken care of during passing periods. Only one person at a time may be excused to the restroom. Raise your hand to speak in class and ask permission to move around the classroom.
4. No late work will be accepted. If you are absent and it is excused, you will have the next day to turn in your assignment or tests you have missed.
5. The teacher's desk, files, cabinets, grade book etc, are strictly off limits to all students unless given permission. **DO NOT TOUCH** chemicals or equipment on the lab tables unless instructed to do so.
6. **No drinking or eating in class except for water.**
7. Pick up trash around your area.
8. When the bell rings remain seated until permission is given to leave.
9. **CELL PHONE USE WILL NOT BE TOLERATED.** Confiscation and fines explained by school policy will apply. (Remember you have been issued a chromebook and that is what you will use)
10. All other school policies will apply.

Grade Distribution

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|-----|--|
| 60% | Major Tests
Presentations
Projects
Reports
Research Papers |
| 40% | Lab Reports
Class Work
Quizzes
Binder Checks
EOC practice
Other |

I HEREBY AGREE THAT I HAVE READ THE ABOVE INFORMATION AND ARE AWARE OF THE CONDITIONS AND EXPECTATIONS SET FORTH BY THE BIOLOGY DEPARTMENT.

STUDENT'S SIGNATURE

PARENT'S SIGNATURE

DATE