



2019 -2020 COURSE SYLLABUS

COURSE (QBS281-QBS282) Biology P- 10 units)

Course Description :

The Biology-P Curriculum is designed with the understanding that each student needs experience with Biology and how it applies to life. The course focuses on the application of Biology to future decision-making, and its relevance throughout life. Students build on concepts and principles learned in previous Life sciences, which form the foundation for developing creative new ways of analyzing current biological topics.

The students will use a variety of approaches to solidify concepts being taught through the use of textbook, videos, computer-based models and labs, and hands-on activities. The students will be engage in cooperative learning in doing lab investigations and unit projects.

Teacher Name: Mrs. Mitzie Romero

Teacher Email Address: mitzie-romero@scusd.edu

Teacher Phone Number: 395-5090 x 506121 Room # B21

Textbook

Biology (Prentice Hall) c. 2002; Miller, Kenneth R, Ph.D. and Levine, Joseph Ph.D.

Required Materials:

The following materials must be brought to class everyday:

- Textbook (must be covered)
- Pens (black and blue), Pencils, eraser
- Highlighters
- Colored Pencil (12 count)
- 3-ring binder with lined paper (assignments, lab reports, and homework)

Grading Policy:

Coursework will be graded as follows:

Classwork/Assignment	- 20 %	A = 90-100%
Lab Activities/Unit Projects/ Research Work	- 20 %	B = 80-89%
Homework/ Binder/ Participation	-20 %	C = 70-79%
Quizzes/Chapter Tests	-20 %	D = 60-69%
Finals	-20 %	F = 59% and below
Total	100	

Course Outline:

The course will cover the following Units (Big Ideas):

- Nature of Science
- Biochemistry
- Ecology
- Cells, Cell Energy, and Cell Cycle
- Inheritance and Mendelian Genetics
- * Molecular Genetics
- * Biotechnology
- * Evolution
- * Biodiversity

Course Objectives:

The students build on ideas/concepts and skills learned in their previous science courses to explain more in-depth phenomena central to the understanding of the core ideas addressed in the Next Generation Science Standards (NGSS), namely: Structure and Function; Inheritance and Variation of Traits; Matter, Energy in Organisms and Ecosystem; Interdependent Relationships; and Natural Selection and Evolution.

Throughout the course, the students are expected to develop skills and confidence in asking questions and defining solutions; developing and use of models; designing and implementing lab experiments; writing lab reports; and skills in communicating through evidence-based discussions, and oral presentation.

Academic Expectations:

- All assignments must be done neatly (in black/ blue pen) or pencil and turned in on time, and properly labeled with **last name, name, period and date**. All assignments will be graded / assigned points. **NO Late Work will be accepted.**
- Class assignments, warm ups, and homework must be arranged in order by dates in your binder. Bring your binder to class every day.
- Class binder must have lined paper for class notes/reflections/ and lab observations. Lab reports following the format (to be given on the 1st lab activity) will be required for every lab investigation/lab activity. Daily notes will be checked on a weekly basis so they must be ready for grading on Fridays.
- When absent the previous day, pick up assignment from the assignment corner the following day, or ask from your teacher **before school starts or at the end of the day**.
- After school Help will be available from 3:30-4:30 pm on Tuesdays and Wednesday, or during lunchtime every day.

Group Work Norms:

- **Participate:** Everyone contributes; every contribution is valued.
- **Be Attentive:** One voice at a time. **LISTEN** attentively and respectfully to what others say.
- **Probe for understanding:** Try **first** to understand, then to be understood.
- **Put inquiry and Learning at the center:** Prioritize thinking and learning, not necessarily “knowing” the answer. No one teaches, everyone facilitates.

Classroom Expectations:

- Pick up all assignments/handouts from the front counter as soon as you get inside the room. (Sharpen pencil before class starts).
- Be in your seat when the tardy bell rings and start working on the warm up activity posted on the screen.
- Self-control is essential in a good learning environment. Talking, wasting time, and other undisciplined behavior will prevent you from doing your best in class.
- When the “Attention signal” (raised hand) is given, stop whatever activity you are doing and raise your hand to acknowledge the signal. Everyone must pay attention and listen to the instructions given by the teacher.
- Use restroom passes wisely. (only 4 pass for the whole semester which will be equivalent to 2 missed assignments/ homework if not used until the end of the semester.
- Ask permission from the teacher (raise your hand) before leaving your seat,
- Dress code and no electronics policy will be observed in the classroom.
- Remain seated until dismissed. (Throw trash/ scraps on your way out of the room at the end of the period.

Classroom Rules and Discipline Policy:

Students are expected to observe the following Classroom Rules:

- **Be Respectful.**
- **Be Safe.**
- **Be Responsible.**

Do or Show Your Best all the Time.

Consequences:

- Warning.
- Change Seat.
- Lunch/ After School Detention.
- Parent Contact.
- Referral to VP.

Discipline Policy:

The student is responsible for his or her behavior in class.

“Success is nothing more than a few simple DISCIPLINE practiced every day.”
(John Rohn, American Business Author and Philosopher)

