



Cesar E. Chavez High School

A school where academic achievement is recognized fostered and celebrated.

Dear Parents and Guardians,

Happy New School Year!

My name is Mrs. Sandeep Jawanda and I am pleased to welcome you and your son/daughter to my classroom for this academic year.

My goal is to create a classroom environment that will help your son or daughter gain a strong understanding of subject matter, develop thinking skills and the ability to challenge assumptions, and think creatively. Your child will also have many opportunities to reinforce, extend, and apply what he or she learns with fun and meaningful investigations and activities. I would appreciate your help in furthering these goals. Simply supporting your child as he or she explores Biology this year will go a long way!

All great ideas begin with commitment to a purpose. I endeavor to create a community of motivated self-learners, guided towards life-long learning by preparing children for a better and more challenging tomorrow. I am very well aware of the fact that the students that fill the seats in today's classrooms are diverse in many ways, and I assure you that my instruction will be designed to address the individual needs of your child, and a class as a whole. The ultimate aim is to develop in the student the three C's - Competence, Confidence and Character.

I believe that communication is the key to a great parent-teacher relationship. I encourage you to contact me if you have any questions or concerns at any time. You can send me a note, or call me at school phone number- (661) 720-4502. For individual concerns, I will contact you by phone, send a note home, or e-mail you (whichever is provided by you).

I look forward to a productive and fun year of academic accomplishment. I will strive every day to make learning a fun and an enriching experience for your child.

With Best Regards,

Sandeep Jawanda

Cesar Chavez High School

Class: Biology CP

Room # 1604

Mrs. Jawanda

E-mail:
sjawanda@djuhsd.org

COURSE DESCRIPTION:

This course will provide higher level understanding in Biology applicable to student's daily life. This course is designed to meet the University of California A – G requirement for laboratory science. Biology CP provides the student with an academic approach to the sciences at a level that is preparatory to continue studies in science both within and beyond High School. The course covers the requirements of the California State Science Standards at a pace geared to college prep students. This is a higher level course with broad spectrum coverage of cell biology, genetics, evolution, ecology, and physiology. Concepts are learned through a variety of instructional modes with emphasis on laboratory activities and increased intensity in comparison with Life Science course work.

Students will successfully complete Laboratory Biology CP will meet the pre-requisite for the requirements for high school diploma as well as UC, CSU and private college's admission requirements.

THIS YEAR WE WILL STUDY THE FOLLOWING UNITS:-

Cell Biology: The fundamental life processes of plants and animals depend on a variety of chemical reactions that occur in specialized areas of the organism's cells.

Genetics (Meiosis and fertilization): Organisms reproduce offspring of their own kind and that organisms of the same species resemble each other. Meiosis is an early step in sexual reproduction in which the pairs of chromosomes separate and segregate randomly during cell division to produce gametes containing one chromosome of each type.

Molecular Genetics: All cells contain DNA as their genetic material. The role of DNA in organisms is twofold: first, to store and transfer genetic information from one generation to the next, and second, to express that genetic information in the synthesis of proteins.

Evolution: The synthesis of genetics, and later of molecular biology, with the Darwin theory of natural selection validated the mechanism of evolution and extended its scientific impact. Students need to understand that the same evolutionary mechanisms that have affected the rest of the living world have also affected the human species

Ecology: is the study of relationships among living organisms and their interactions with the physical environment. These relationships are in a constant state of flux, and even small changes can cause effects throughout the ecosystem.

Physiology: From the individual cell to the total organism, each functioning unit is organized according to *homeostasis*, or how the body and its parts deal with changing demands while maintaining a constant internal environment.

Textbook Modern Biology: Holt, Rinehart & Winston.

Grading Policy:

1. All homework, lab work, and class work will be given points. These points, plus all tests and quizzes, will become your total points. Homework from the book is worth ten (20) points. Lab and test/ quiz points will vary.
2. Quizzes can be given without warning. Chapter tests will always be announced ahead of time.
3. You will have a semester final worth 60 points each semester.
4. After each unit your notebook would be checked and graded. Grade points may vary.
5. Extra Credit assignments are not mandatory. You may get one extra credit assignment each quarter.

Make Up Work Policy:

- When a student is absent, it is her/his responsibility to ask for any work that was missed during the absence.
- The student must ask for this work on the day he/she returns from the absence.
- If there is a friend that can pick up the work for the students on the same day as the absence, please ask them to do so.
- Students have as many days as they were absent to do their work that was missed.
- Labs cannot be made up, so DO NOT miss them.
- Late work is accepted, but a loss of five points per day is the penalty until the assignment is worth zero points.
- Missed assignments and exams due to UNEXCUSED absences cannot be made up.

IMPORTANT TO KNOW!

WHAT IS TARDY?

You must be in your room, on the way to your seat, before the bell rings or you will be marked tardy. It is important to me that class begins on time. We have a lot of material to cover this year. If you are tardy refer to the "consequences" on what will happen to you. **BE ON TIME!!**



DO NOT HAVE YOUR CELL PHONE OR I-POD ON IN CLASS.

The ringing, texting, and/or vibrating is a distraction to me and the rest of the class. The first offense, I will keep the electronic device and you may pick it up after school. The second offense, I will send it to the office and your guardians will pick it up. The third offense, the office will keep your device until the end of the school year. **No exceptions.**

Classroom Expectations:

1. Respect each other, adults, school, and the school property
2. Follow the instructions given by the teacher.
3. Follow all school rules that are posted in this classroom.
4. Students will bring to class each day:
 - a. Positive attitude and an inquiring mind.
 - b. A notebook to take biology notes **ONLY!!**
 - c. Pen, Pencil, Eraser, Ruler, Highlighter.
5. Students will participate in all class work and discussions.
6. Students will complete all homework assigned
7. Please **NO GROOMING** in the class.

Positive consequences:

1. Verbal praise
2. Student's work will be displayed on the Bulletin Board
3. Extra Credit
4. Student of the month

Negative Consequences:

1. A verbal warning, and stay after class to discuss the matter.
- 2 During lunch or two (2) one hour detentions.
2. Parental notification.
3. Referral to Discipline office.

(I expect you will never give me a chance to enforce negative consequences on you!)

CLASSROOM PROCEDURES:

AS YOU ENTER THE CLASSROOM:

1. Enter the classroom in an **orderly fashion**, please don't rush or wander around.
2. **Students should be in their seats when the beginning bell rings.** Not inside the door, not by your seat, but actually sitting. If you are caught wandering around, it is possible you will be marked as tardy.
3. **Sharpen your pencils NOW!!!!!!** No sharpening of pencils in the middle of the instruction or class discussion.
3. Turn in your previous day's assignment/ homework into the **correct box assigned** for your period.
4. Take a look on the Agenda of the day written on the whiteboard, and write down **the homework (if any)** in your planner.

Take no more than five minutes to do all the above.

DURING THE CLASS:

1. Answer the "**Warm Up or Question(s) of the day**" in your notebooks.
2. Follow the instructions given by me.
3. If working in groups, you are expected **to work in the group assigned** by me. I will change the students in the group for each activity.
4. **Restroom Pass:** One student at a time may use the restroom pass during class work time. Sign your name on the "Restroom Log" roster. Every student will have 2 restroom passes per quarter.

AS YOU LEAVE THE CLASSROOM:

1. Put the **textbook on the side counter**.
2. Clean up your desk and the area around it. **CLEANLINESS IS IMPORTANT!!!!**
3. **DON'T PACK UP EARLY**, wait for me to dismiss you.

DISCIPLINE PLAN IMPLEMENTATION

It is my policy to give a student one warning for breaking any of the class rules, or for misbehaving, and try to figure out the matter with him/her. However, if the problem is serious, the student will be sent immediately to the office. If the problem continues, the student will change seats, and would have to face the consequences stated above. I would maintain a log to record any kind of misbehavior/ disciplinary issues in the class.

	Quarter 1			Quarter 2			Sem 1
<u>ASSESSMENT</u>	<u>FACS 1</u>	<u>FACS 2</u>	<u>Q1</u>	<u>FACS 3</u>	<u>FACS 4</u>	<u>Q2</u>	<u>Final</u>
<u># OF PROBLEMS</u>	12	12	25	12	12	25	60
<u># OF OPP.</u>	2	2	2	2	2	2	1
<u># OF VERSIONS</u>	2	2	2	2	2	2	2
<u>ESTIMATED CLASSROOM TIME</u>	3-4 DAYS	3-4 DAYS	3-4 Days	3-4 DAYS	3-4 DAYS	3-4 Days	1 DAY