

**Rancho Mirage High School
Biology - Mr. Borden
(760) 202-6455 Room 664 -
Course Description and Classroom Policies**

About Me:

This is my thirteenth year teaching for Palm Springs Unified School District and my 18th year teaching at the High School Level. I have taught many subjects, (Health, Drivers Education, Math, and of course Science. I have taught all of the California standards for Earth Science, Biology, Chemistry, and Physics during my tenure when I was at Cathedral City High School. I can and will tutor my students in all subjects after school. I bring a wealth of knowledge and experience to my class room which I enjoy sharing with young people. I am extremely pleased to be working for a district, and principal, that have a firm commitment to excellence, and achieving higher learning for the children of this school and district.

This Course:

- This is a year long science course.
- Instruction will be focused on the California High School Common Core Science standards for Biological Science.
- How well you demonstrate your knowledge and understanding of these standards will be the basis for your grades.
- Instruction will be diverse, as to accompany many different learning styles and personalities
- Students will demonstrate their knowledge of higher order learning by - completing labs and projects centered around the standards
- Students will have an additional 1-3 hours of outside homework a week.
- Students will have to cooperate in teams
- Students will have to access the internet to research current events
- Students will be required to complete 1 research paper 1 outside project, 1 oral report

UNITS OF STUDY: The sequence may change, but these are the areas that we plan to cover this year:

1. Introduction to biology
2. Scientific Method
3. Ecology
4. Cell structure and function
5. Photosynthesis and cellular respiration
6. Fundamentals of genetics
7. DNA, genes and chromosomes
8. Protein synthesis
9. The biotechnical revolution
10. Evolution
11. Physiology (nervous and immune systems)