

Contact Information

Room: 202

Email: cochranl@santarosa.k12.fl.us

Remind Application: Join to receive updates on important assignments, quizzes, and tests. Text 81010 with the message @cochranbio

Website:

<http://cochranbiology.weebly.com/>

Course Description

Biology is a broad study which covers all living things. The goal of this course is to implement the use of the scientific process of investigation as well as foster understanding in the fundamental processes of living organisms. This will be accomplished using laboratory investigations, classwork, homework, group projects, class discussions, quizzes, and tests*. The objectives of this course are aligned with the topics found in the biology curriculum for Santa Rosa County Schools. The comprehensive end of course exam (EOC) will be given at the end of the year and accounts for 30% of the course grade. You will find a complete course description as well as standards covered by the EOC at <http://www.cpalms.org/Public/PreviewCourse/Preview/13083>.

*Today's
accomplishments
were
yesterday's
impossibilities*

Robert H. Schuller

**Supply Fee: \$10.00 payable using
myschoolbucks.com**

Materials

- 3 ring binder
 - dividers
 - college ruled paper
 - colored pencils
 - pens/pencils
 - highlighters
 - scissors
 - glue sticks
 - post-it notes
 - ruler (centimeters)
- *Optional
- hand sanitizer
 - paper towels
 - markers
 - permanant marker

Grading

- Major Grades 50% (tests and projects)
- Minor Grades 50% (quizzes, classwork, etc.)

***Due to coronavirus, certain activities that include sharing of materials are prohibited the 1st 9 week period.**

Classroom Expectations

1. Masks are to be worn at all times
2. Phones are stored in a non-visible area unless permission is given

Extra Help

- I am always willing to provide extra help before school, however, an appointment is necessary.
- Peer tutors are available through SNHS free of charge. Information regarding tutoring will be shared via remind.
- Extra Credit: All students will start the 9 weeks period with 10 extra credit points. Points are deducted if students does not comply with the classroom cell policy. *This is the only form of extra credit available.*

Consequences

- Documentation in gradebook (Teacher Note)
- Documentation in gradebook (Teacher Note) and call to parent/guardian
- Referral

Course Outline

- Introduction to Biology
- Biochemistry (Macromolecules)
- Ecology
- Cells
- Photosynthesis
- Plants
- Cellular Respiration
- Mitosis
- Meiosis
- DNA
- RNA and Protein Synthesis
- Genetics
- Reproduction
- Biotechnology
- Evolution
- Human Body

Absence Policy

Regular attendance is a key component of performing well in this course. Whenever possible, please be in class so that you do not miss any important information. However, if you are absent it is extremely important that you make every effort to make up missed work in a timely manner. It is your responsibility to find out what you missed! Late work will be accepted with a deduction of points.

Excused Absences: Upon returning to class after an absence you should check the makeup work binder to see what we did in class and obtain your missing assignments. Makeup work will also be available in Microsoft Teams. You will be expected to turn in all missed assignments within 3 class days. After 3 days a grade of 0 will be recorded for the assignment. This includes any missed labs. Assignments that were due during your absence should be turned in the day you return. If you are absent the day before a test you will be expected to take the test with the rest of the class. If you are absent on the day of a test, you will take the test on the day of your return (either in the morning or during your class period).

Code 2 or Pre-arranged Absences: It is expected with this type of absence that you get your assignments in advance and turn them in the first day you return to school. You will also be required to make up any missed tests or class assignments the first day you return. It is your responsibility to obtain assignments prior to the absence.

Unexcused Absences: Any student with an unexcused absence in a class will not be allowed to make up school work missed during the unexcused period and shall be given 0's for missed work.

Laboratories*

Laboratory investigations of selected topics in the content, which also include the use of scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of this course. While in the lab, you will conduct yourself in a safe and responsible manner. The students may participate in many lab activities involving living organisms and dissections with preserved specimen. Due to the nature of these activities, some students may have difficulty with or oppose these educational labs. Students are not required to touch the specimen or participate in the hands-on part of the lab but are required to participate in the lab in some way. Non-participation or horse play will result in a ZERO for the laboratory. Contact me with concerns, questions, or issues as they arise.