

Biology 1 Syllabus

Important Information:

Instructor: Ms. Anton

Room Number: 135

Email: santon@fchs.net

****Email is generally the quickest and most effective method to contact me. ****

Course Description:

Biology 1 is a high school level course you must pass in order to graduate. It covers the basic building blocks of life. Key topics include cell structure, how cells make energy, DNA, and how traits are passed down through generations. Biology 1 is like learning the "rules of the game" for all living things. Just like LEGO bricks snap together to build a castle, tiny molecules snap together to build a living cell. Understanding these small pieces helps us understand big things, like how a tree grows or how humans inherit eye color.

Materials Needed:

For this course students will need a three ring binder or a three pronged plastic folder that is dedicated to this course. Students will be completing note sheets, work sheets, and study guides that pertain to the tests given. *Staying organized will make it easier to study! Students should also come to class with **pencil, paper, and a charged chrome book.***

Grading Policy

Prime Times.....	10%
Practice.....	40%
Application.....	50%

*****The S.C. End-Of-Course Exam accounts for **20%** of a student's overall grade in Biology |*****

Graded Assignments:

Primetmes: Primetimes are a set of 5 daily questions used as an introduction and review method to help students learn the topics, greek and latin vocabulary, and graph analysis covered in Biology 1. Students will receive a weekly grade for completing their Primetimes.

The Following Areas are considered the Practice area of the Grading Policy:

Classwork and Homework: Students will receive daily classwork in the form of notes, group assignments or worksheets. Students may be assigned homework during the week if they were not able to complete their assigned classwork. Homework will be due the following day during the first 5 minutes of class. If students turn in their homework after the first 5 minutes of class. The assignment will be considered late. Please see the late assignment section for more information.

Quizzes: Quizzes will be announced 24 hours in advance of the date of a scheduled quiz.

The Following areas are considered the Application area of the Grading Policy:

Labs and Projects: Throughout the year students will be completing labs and projects to help deepen their understanding of the many processes of Biology. For the safety of your student and their peers it is expected and important that students follow all lab safety guidelines and follow the instructions from the teacher. If students are seen not abiding by the expectations they will be asked to step away from the lab and receive a 50 for the assignment. These expectations are gone over at the beginning of the year and repeated throughout the year before the lab.

Tests: Tests are given at the end of the unit. Test corrections can be made for half credit per question the student got wrong. Students will be aware of the test at the beginning of the week and have a day of review in class the day

before the test. If you are absent the day of the test. You must reschedule the makeup with me. Please see the MAKEUP policy for more information.

Grading Scale: Regulated by Fox Creek High School Policy

A = 100-89.5 **B**= 89-80 **C**= 79-70 **D**= 69-60 **F**= 59 or below

Exams

· Winter exams will cover information from July- December. Spring exams will cover information from the entire year. Students will be given a comprehensive review for both exams. Exams are 10% of the semester grade! If students receive a 70 or higher on the EOC they will be exempt from the Spring Exam.

Biology 1 has an End of Course Test (EOC) that is worth 20% of your final grade. This test covers all South Carolina State standards and will be given on a day determined by the state at the end of the semester. You do not have to pass the EOC to pass the class but you must pass the class to graduate.

Course Outline and Pacing

The following units are the topics we will cover in biology, they are in accordance to the SC State Science Standards.

UNITS	TOPICS
1. Lab Safety & Inquiry	Scientific equipment, lab practices, scientific method
2. Biochemistry	Biological molecules – Carbohydrates, proteins, lipids and nucleic acids.
3. Cell Structure and Function	Organelles, prokaryotes vs eukaryotes, plant cells, animal cells
4. Cellular Transport	Osmosis, diffusion, tonicity, active transport
5. Cellular Energy	Photosynthesis and respiration
6. Cell Growth and Division	Mitosis, cell cycle, and cancer
7. Sexual Reproduction and Inheritance	Meiosis, Punnett squares, genetic patterns
8. DNA Replication and Protein Synthesis	DNA vs RNA, replication, transcription, translation
9. Biotechnology	Forensics, DNA fingerprinting, cloning, stem cells
10. Biological Evolution	Natural Selection, adaptations, populations
11. Ecology	Symbiosis, Ecology
12. REVIEW FOR EOC	SC EOC COUNTS 20% of FINAL GRADE

In order to graduate from high school, students **must** pass Biology. It is important that students take this course seriously, as there is a substantial amount of content to cover throughout the year.

Units 1-6 will be covered in semester 1 and units 2-7 will be covered in semester 2.

Class Policies and Procedures:

Participation is key in class! Biology is a vocab and content heavy class. Participation in class is the easiest way to learn the material. Every student is required to participate in class. *Students will be penalized for the following:*

1. *Sleeping/Eating in class (Plain Water is acceptable)*
2. *Doing work for other classes or using Chromebooks for recreational use*
3. *Tardiness*
4. *Behavior issues (being disrespectful, talking out of turn, bullying/antagonizing others)*
5. **Cheating-** *This will **not** be tolerated. Cheating will result in a zero on the assignment. With no possibility of a retake.*
6. **NO PHONES, SMARTWATCHES, OR HEADPHONES OF ANY KIND!**

Consequences:

- 1st Offense: Verbal warning
- 2nd Offense: Contact parents and morning detention
- 3rd Offense and beyond: Discipline referral

Chromebook Policy:

Chromebooks should be charged and ready to use. However, many days will not require us to use our computers. Students will be asked to put their computers away during activities that do not require them. My class is not a free period. It is not time for you to use your Chromebooks to complete other homework or study for other subjects. When I ask you to put your computers away, I expect you to do so. Failure to comply will result in a write-up.

Phone Policy:

Please do not use your phone in class. If I see you using your phone, you will be written up. The same goes for smart watches or headphones.

Students are expected to place their phones in their assigned number on the phone pouch before the start of class.

Leaving Class:

I understand that you will need to use the restroom from time to time, but please refrain from making it a habit or daily ritual.

If another teacher needs to speak with you during class time, I must be informed by the teacher via phone call or email prior to the start of class.

If you need to see the nurse, try to do it in between classes. I do not want you to sit in discomfort, but I also do not want people roaming the halls looking for a Band-Aid or cough drop.

Do not ask to see Mrs. Hammett/ /Mrs. Herrington/Nurse Furness unless you **absolutely** have to. If it can wait, **WAIT!**

Make Up Work:

Weekly lesson plans are always posted to Google Classrooms. If a student is absent for 2–5 days, an excused note is required. The excused note will be handed in to the attendance office. Students will be given # of days missed to turn in make-up work and make up assignments/assessments upon return to school. All retakes for tests and some quizzes will be done upon scheduling their retake with me. Once the test is scheduled an email will be sent to your parents to inform them of the date of your retake. If you do not show up to your scheduled retake without an excuse there will be a 2 point per day penalty until the test is taken. Tests include but are not limited to; actual tests, lab practicals, projects but do not include labs. **COMMUNICATION IS KEY** so please let me know of the situation and we will work it out. This includes retakes.

Late Work:

Your work is considered late if you were present in class when the work was assigned and turn in work after the due date or turn in homework after the first 5 minutes of class. Late work will receive a 10 point deduction per day until you turn it in.

Academic dishonesty:

- Cheating on a test, project or quiz will not be tolerated and an automatic zero will be given with no chance of changing the grade. This includes copying answers word for word off of Google or other internet sites.

- Copying someone else's homework or classwork and turning it in as your own means that you and the person you copied from must have split the work. Since you split the work, you will split the grade. If the grade is a 100 you would both get a 50, if the grade is an 80 you would both get a 40.

The use of AI is 100% prohibited for any assignments given. If you are caught using AI on an assignment, it will be considered cheating and you will receive a 0 for the assignment.

Extra Help:

I am always available for extra help. I will have open tutoring hours on Tuesdays and Thursdays 3:05pm-4:00pm. Remember, there is nothing wrong with receiving extra help. Do not be embarrassed to ask for help!! My door is always open. If you have been struggling throughout an entire unit, **please DO NOT WAIT UNTIL IT IS TOO LATE TO ASK FOR HELP!**

Ren Cards: Ren Cards can be used on missing homework. The items on them can also be used for bonus points on quizzes and labs, but NOT ON MAJOR TESTS AND/OR EXAMS. In order to use them, they must be presented at the time homework is being checked. They must also be used at least 3 days before Interims or Report Cards are issued. Ren Cards from the previous nine weeks will not be accepted.

Please be sure that you understand all of the rules of the classroom. The classroom rules are the same as the school rules along with a few additions. Inappropriate behavior will not be tolerated in this classroom, especially if it disrupts others from the learning process. **Cell phones and AirPods will**

be not in use and will be placed out of sight during the entire class period. If you don't understand the class rules, please let me know. I will be glad to explain them to you so that there will be no questions whatsoever in your minds.

Chromebooks will be used in class. It is important that you bring notebook paper and a writing utensil, and all other class supplies that I have listed in the Class Supply List with you to class every day. **While using Chromebooks in class, the students ARE NOT allowed to be viewing any other class items, or anything else that is not being discussed in class. This includes looking at PowerSchool, studying for another class, working on another teacher's assignments, looking at sports videos, etc.**

Please keep this syllabus in your notebook so that you may refer back to it if there are any questions.

*****ATTENTION PARENTS: PLEASE DO NOT CALL OR TEXT YOUR CHILD DURING MY CLASS! IF IT IS AN EMERGENCY, PLEASE CALL THE OFFICE SO THAT THEY MAY GET IN TOUCH WITH YOUR CHILD QUICKLY!**

Signatures for Syllabus:

I, _____ have read and understood the policies and procedures in Ms.

Anton's syllabus.

_____ (parent/guardian signature) _____/_____/2026

I, _____ have read and understood the policies and procedures in Ms.

Anton's syllabus.

_____ (student signature) _____/_____/2026