



BIOLOGY
2019-2020

Mr. Barry Smith
Email: bsmith@msd134.org
Phone: (208) 585-6657
Teacher Webpage:
<https://id01001484.schoolwires.net/Domain/427>
School Website: <https://www.msd134.org/Domain/13>

Course Description

This course is a general introductory study of living organisms, both plant and animal, with emphasis on laboratory investigation. It includes cellular structure and function, plant and animal classification and relationships, with introductory work in embryology, genetics, and reproduction. All sophomores must be enrolled in this class except those who took it as a freshman.

Course Objectives

Students in this course will be expected to:

- develop proper and safe science investigation skills.
- understand and use the scientific method.
- describe the chemical basis of life and the flow of energy in living systems.
- describe the structure, function, and reproduction of the cell.
- explain how genetic characteristics of organisms are inherited and expressed.
- give evidence that explain how species change over time.
- classify living organisms according to commonly accepted methods.
- think critically about the effect of biology-related issues on society.
- demonstrate appropriate study skills in individual and collaborative work.
- improve their math and language skills.

Idaho State Biology Standards are outlined at this location.

<https://www.sde.idaho.gov/academic/science/>

Course Units

Quarter 1	Quarter 2	Quarter 3	Quarter 4
Unit 1: Biological Principles Unit 2: Cells	Unit 3: Homeostasis, Photosynthesis & Cellular Respiration Unit 4: Genetics	Unit 5: DNA/RNA Unit 6: Evolution & Classification	Unit 7: Ecology Unit 8: Microorganisms

Materials

Please bring a charged laptop, Notes Notebook, **Composition Lab Notebook** and a writing tool every day. Get a good night of sleep and a healthful breakfast to maximize your ability to learn.

Skyward Grading

Score Method	Term Grades (MHS Policy)	Grading Scale (MHS Policy)
Grades are based on total points earned.	Fall Quarter 1=40% Quarter 2=40% End of Course Assessment=20% Spring Quarter 3=40% Quarter 4=40% End of Course Assessment=20%	A=90%-100% B=80%-89% C=70%-79% D=60%-69% F=Below 60%

Make-Up Work (MHS Policy)

Papers, assignments, tests, etc. that were announced while the student was in attendance prior to the absence are due to be submitted or completed on the day the student returns to school. A student will be allowed two (2) school days for each day of excused absence to make up material presented during the absence. Make-up time is not to exceed ten (10) days from the time a student returns to school after an absence. Additional time may be granted at the principal's discretion under extenuating circumstances. When a student has been absent for three (3) or more consecutive school days due to illness or excused absence the parent or student may call the Attendance Office to request make-up homework be sent to the office for pick-up. Please allow 24 hours for teachers to respond before coming to the office to pick up work. **In the case of pre-arranged absences, it is the responsibility of the student to contact individual teachers for any make-up work prior to the absence.**

Late Work

I reserve the right to take 50% off work turned in late. If you have extenuating circumstances contact me BEFORE the assignment is due and we can make another arrangement that I will hold you accountable for. If you continue to do this, I will be less likely to grant extensions.

Classroom Rules and Procedures

Students will enter the room on time with a positive attitude and a willingness to learn.

- Have materials ready for class when it begins.
- Be engaged in content up until the bell.

- Do not distract yourself or others from what is being taught.
- Minimal time will be spent on breaks

Students will show respect to all members of the classroom.

- Students will keep a kind tone when talking to each other and the Teacher
- Foul or questionable language is prohibited
- Do not visit when the Teacher or another student has the floor
- Maintain a volume in which learning can be achieved.
- Respect classmates personal space and belongings.

Students will use technology and facilities in a way that is beneficial to learning.

- Phone, tablet or headphone use is prohibited. Don't bring phones into the room or they will be confiscated for the rest of the day. Headphones should never be in your ears in class without any permission.
- Laptops are used only for educational purposes (no games). You may charge your laptop in the room.
- Drinks must be contained with a cap or a lid. No snacks are allowed in the room.

CLASSROOM DAILY PROCEDURES

If you have questions related to school, you may come in before or after school and I will gladly help you. However, I don't want my room to be a hang out zone before school begins.

Students should walk into the room, sit down and immediately follow the instructions on the board, even before the bell rings. This will be done in their bell ringer notebook which could be used on an open note quiz at any time. If a student is absent they will have to make up the bell ringers on those dates. You will have periodic open note bell ringer quizzes to ensure you are doing these.

I will take attendance right when the bell rings. Each student should be in their assigned seat at this time or they will be marked tardy.

Students will sit as close to the front of the room as possible, with reasonable exceptions. No filling the back row if there are desks between you and other students. You may be called on at any time to repeat what I teach so paying attention in class is paramount to success.

Don't get your laptop when you come in the room but be prepared to work on your laptop when you come in the room. This means no wasting the battery on games or surfing the internet before, during, or after my class. Charge your laptop at home every night. Computers should be treated with respect as they are school property even if they are assigned to you. Most wall outlets are not to be used for charging Cell Phones. Those are only for lab equipment.

I do offer makeup work, or makeup tests/quizzes but don't expect them to be given all the time for every assignment. You must fill out a work extension slip to be able to make up work however. Make up tests may be essay tests.

Students are expected to be engaged in content up until the bell rings. No huddling around the door or in the hallway.

Don't expect to leave class unless you really need to use the restroom. This will not be offered at the beginning of class. Don't use this time to talk to other teachers or do other business. You may email teachers if you have questions about grades, don't interrupt class for this purpose. You will be marked truant if you leave for too much of class without a good excuse from another staff member.

Phones should be away during class unless permission is given. If this becomes a problem, you will be asked to give your phone up for the rest of the day. You have a charging place to charge your phone or put it away from you during class. If you do this you may not get it from the station during class. Earbuds are not allowed to be in or on ears during class. This may also result in confiscation for the rest of the day.

We will do plenty of lab activities. These, unless otherwise specified, will be done in a lab notebook in which students will describe the scientific method they went through. Examples will be provided.

Participation points will be given each semester. They will be based on your overall focus in class and how well you do at not being distracted or distracting others. This will occur with a short personal meeting with me.

Discipline

Level 1= Verbal reprimand

Level 2= Conference after class

Level 3= Reflection

Level 4= Parent Contact

Level 5= Office Referral, Parent Contact

Academic Integrity (MHS Policy)

All work submitted by a student must represent his/her own ideas, concepts, and current understanding. All material found during research must be correctly documented/cited to avoid plagiarism. Any student caught cheating or plagiarizing on course assignments or exams will lose credit for that assignment or exam. The teacher will notify parents. Students may be subject to disciplinary action, including a parent conference.

Student & Parent Resources

School Website: <http://mhs.ms134.org/>

Other Information

I have read and agree to the above terms.

Student's Printed Name _____

Student's Signed Name _____

Date _____

Parent's Printed Name _____

Parent's Signed Name _____

Date _____