

Syllabus

Glen Rose High School
Science Department
Biology
2023-2024

Mrs. Shaw
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COURSE DESCRIPTION – Biology

Biology is designed for students to conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biology study a variety of topics, including: structure and function of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism; energy transfers in living organisms; living systems; homeostasis; ecosystems; and, plants and their environment.

TIMELINE (Subject to Change)

First Six Weeks

What is Biology?
Chemistry of Life

Second Six Weeks

Ecology
The Life of a Cell

Third Six Weeks

DNA
Protein Synthesis
Genetics

Fourth Six Weeks

Genetics, cont.
Evolution
Classification/Taxonomy
Bacteria/Viruses

Fifth Six Weeks

Protists
Plants
Invertebrates/Vertebrates

Sixth Six Weeks

Human Biology
End-of-Course Review
Rat Dissection

TUTORIALS

Available Monday – Friday, beginning at 7:30AM

GRADING POLICY

Tests - 70%
Lab Work/Quizzes – 20%
Daily Grades – 10%

CANVAS

I will be utilizing Canvas as my online platform for this course. Students will need to be familiar with Canvas to be successful. See MODULES for all assignments.

RESOURCES

McGraw-Hill 15th edition – Students will access the online textbook through Stoneware.

SUPPLIES

Blue/Black Pens

Folder or Binder with Pockets

Colored Pencils

1 Box Tissues

Highlighter

Headphones/Earbuds compatible with laptops

TIPS FOR SUCCESS

- **Bring materials to class every day.** You should have a writing utensil, paper, any assignments/notes relevant for the day.
- **Be on time.** This means in your seat by the time the tardy bell rings.
- **Be proactive/prepared.** If you are absent, get any work you missed the day you return. If you know you will be absent, let me know ahead of time and get your assignment(s).
- **Stay organized.** Keep all items in the appropriate section of your folder/binder.
- **Complete notes.** Complete all notes when assigned. Failure to complete outline notes will result in a zero for a daily grade. You will also fall behind during lectures.
- **Ask questions.** When you have trouble mastering a new concept, ask questions. Don't wait until we have moved on to a new topic to ask for help.

LATE WORK POLICY

Any assignment submitted after the due date will be penalized. Day 1 = 21 points off, Day 2 = 40 points off.

TIP: Do not wait until the last minute to submit assignments. In the event there is an issue with technology, and you are prevented from submitting your assignment, please notify me immediately through the Remind App and I will get a notification.

ABSENCE POLICY

The school's policy on absent work will be followed. You will have the equivalent of days missed to make-up assignments. Students will have an advanced notice of tests. If you are absent on test day, you are required to make up the test the following day during the next day's class and student will be responsible for that day's missed assignments/notes.

NOTES

Notes are handouts. Please keep up with them. A grade is given for notes upon completion.

FRIDAY QUIZZES

Students will be assigned ten prefixes/suffixes and five vocabulary words each week. The prefix/suffix and vocabulary list will be posted on Canvas under the Files tab. Students will define all terms in their notes each week. These words will be checked every Friday for a daily grade. After the words are checked, students will take a quiz over the week's assigned terms. In Skyward, these will be "Friday Quizzes".

EXAM EXEMPTIONS/ABSENCES/TARDIES

Students will be eligible for semester exam exemption if currently passing and there are no more than 3 non-extra-curricular absences in that semester. 5 tardies = office referral

CELL PHONE POLICY

Cell phones are not allowed during instruction. Students have 3 choices during class:

- 1) Place phone in numbered pocket on wall
- 2) Charge phone at one of the charging stations
- 3) Keep phone put away on silent in backpack or purse

Consequences-

First offense- if caught on phone, it stays on my desk during class for two weeks in phone jail.

Second offense-parent contact and office referral, phone jail for two weeks

CHEATING

Cheating is not allowed. If caught, conference with teacher, parent phone call, office referral, zero on assignment with no option to retest

FOOD AND DRINK

Clean up after yourself, notify teacher of any spills. No food or drink in lab.