

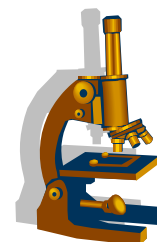
BIOLOGY I – 2
COURSE REQUIREMENTS
Mrs. Fishel

Classroom Rules

1. Be in your seats with your notebook and writing utensil **before the bell rings**. Backpacks belong on back counter (**Do not block fresh air flow!**) or on chairs along the side of room. **Not on the lab tables please!**
2. Be prepared for class each day. If unprepared, a tardy will be given. Tardies do **not** start over each marking period. 3 tardies = 1 night detention.
3. Be attentive while someone is speaking. Be respectful towards others and their property.
4. Use appropriate language and behaviors.
5. **Stay out of lab area** unless told to be there. Drop off your backpack and come to your seat!
6. Remain seated and on task until dismissed by the teacher—**not the bell or the clock**.
7. Follow all school rules.
8. NO FOOD PERMITTED IN CLASSROOM. WATER/DRINKS IN A **RESEALABLE** PLASTIC BOTTLE ONLY. NO GLASS OR OPEN CONTAINERS. No drinks are permitted in the lab area during lab or during times of school owned computer usage.
9. Cell phones and ear buds should not be brought to your desk. Keep them silent and in the backpack. IF you are allowed to use them for class, I will allow you to get them. One warning, then detention will be assigned! Cell phones out during a test is an **automatic zero**.
10. Do not throw trash away during class! (NO THROWING items around the classroom will be tolerated ever!) Keep until the end of class. Students roaming around the room while I am teaching are distracting to me and to others in the class. Please limit your need to roam around. See rules 6 above.

Materials needed for class

1. Three ring binder with notebook paper and 2 dividers. You will be turning this in each marking period so please try to get Biology in its own binder (1 inch or larger is preferred.)
2. Writing utensils-pens or pencils



Grading System

Graded on a point system, not by percentages.

Grading Procedures

1. **Tests**
 - At the end of each chapter.
 - Will announce 2-3 days prior.
 - Various formats will be used. Most will include multiple choice, matching, short answer, and completion.
2. **Quizzes**
 - announced or pop variety
 - number of quizzes vary (1 -2 day notice given)
3. **Labs and lab reports**
 - Various laboratory exercises will be conducted during each unit of study. Most labs will involve some form of written work, which will be submitted and graded. This will include creation of diagrams as well as a laboratory write up explaining what data was collected.
 - Labs are due one week after lab is completed. Late labs will not be accepted for credit. **No exceptions!**
 - Field trips and absences are not excuses to turn in a lab late. If printer runs out of ink, use a flash drive and bring to school for printing. If all else fails, email lab report to yourself at school **as an attachment**, not in the main body of an email. Come to my room in the morning and print it out for yourself. You can then retrieve it from the printer and turn in the drawings that go with the lab. This is for emergency use only. This will NOT occur during class.
4. **Notebook checks**
 - Notebooks should have 2 sections: 1. Keystone Vocabulary and Test Preparation, 2. Notes, handouts, worksheets, graded items (labs, homework) sections. Notebook will be graded at the end of each marking period.
 - It will be worth 50 points.
 - Having items in the correct 2 sections is worth 10 points.

- Neatness (no loose or torn papers) is worth 10 points.
- Completeness (everything given to you in class or done for class) is worth 10 points.
- “Keystone Vocabulary” and Test preparation completed is worth 10 points. This is a yearlong of words. 4th MP review and practice worksheets.
- Chronological order observed is worth 10 points.

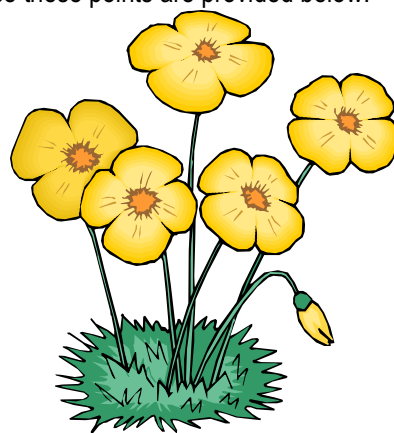


5. Classroom Participation and Citizenship Points

You will begin each marking period with 50 out of 50 for classroom participation and citizenship points. You may keep these points if you conduct yourself appropriately during class. You will be given a warning first, then points will be deducted. If the behavior is persistent, detention will be assigned. Examples of ways you can lose these points are provided below.

For example, you will lose CP & C points if you...

- ☹ Are absent (1 point/day if work is not made up)
- ☹ Fail to be in your seat when the bell rings.
- ☹ Improper use of cell phone during class (detention will follow for second violation.)
- ☹ Disrupt class.
- ☹ Fail to complete class assignments or homework. (up to 5 points)
- ☹ Do work for other subjects during biology class.
- ☹ Talk when you are not called upon.
- ☹ Sleep during class or video.
- ☹ Fail to follow classroom and /or laboratory rules.
- ☹ Destroy school property.
- ☹ Swear, use abusive language, or use inappropriate gestures.
- ☹ Fail to respect the rights and property of others.
- ☹ Leave your seat before dismissed at the end of class. The bell does not dismiss you...I do.



***** Reasons for losing points are not limited to the list provided above.**

You will lose 1 point for each infraction, with the exception of homework or class assignment being incomplete, which is 5 points per day.

How will you know if you lost points? You will be informed about your point deduction after class. I will keep a record of the date of point loss and reasons why points were lost for each individual. It will appear as a comment on the HAC.

These points can be extremely beneficial to your marking period grade. Losing points will be harmful to your grade. These are your “bonus” points. **You cannot earn them back.**

6. Homework

- Graded for completeness or correctness.
- When graded for completeness, points will be deducted from your CP & C point total.
- When graded for correctness, assignments will be collected and graded by teacher.
- Late assignments will lose 10% per day. After 5 days, detention may be assigned!



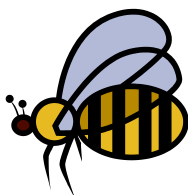
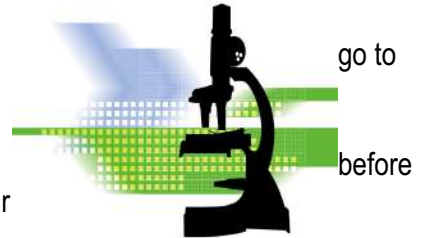
7. Science Fair Projects

- Projects are **not** required in the Biology I Level 2 curriculum.
- Conducting a Science Fair experiment is highly recommended on your own.
- All efforts will be made to assist you with this project and necessary paperwork.
- Bonus points will be awarded for Science Fair participation, based on overall quality of project. (10 for first place, 7 for second place, 5 for third place, 2 for honorable mention.)



Student responsibilities

1. You are responsible for your own actions, behaviors, and work ethics.
2. Be prepared for class and on time each day. Remain attentive!
3. When absent, you must see me before class in order to be given any make up work, if applicable. I fill out a sheet to tell you in writing what you need to do that was missed. You have **3 days** to arrange a time to make up the work. I will NOT chase after you to make up work. Zeroes will result if work is not completed. Illegal absences will result in zeroes for that day. Be responsible!!
4. If you plan to go on a field trip or educational trip, please see me BEFORE you get assignments.
5. When leaving school early due to sporting events, you are required to see me school begins to get the day's assignment. This will prevent you from losing your participation points for that day.
6. Follow all directions, especially when in the lab. No "goofing" off will be tolerated in the lab area. If you are asked to sit down during a lab, you will receive a "0" for that lab, and given 1 night detention for your behavior. I cannot allow a student to endanger the well-being of other students while working in the lab! Microscopes are expensive items to replace. If you damage one while goofing off, you will be charged for the repair or replacement of the microscope!
7. **Passes-** Use the bathroom before class **after first checking in with me**. This will prevent you from being marked tardy. If I am talking to another student and you must use the restroom, sign out on the white board. If I don't know where you are and you come in late, you will be marked tardy. When emergencies arise, a maximum of 4 passes each marking period will be given. These are passes to go to locker, bathroom, nurse, office, etc. Remember, when you leave class for any reason, you need to make up the work missed. (There is a 5 minute limit on a hall pass.) You must legibly sign out on the sign out sheet, using your name, destination, and the time left. Before leaving the room, I must initial your pass. Upon return, record the time again. Pass goes in the basket. You will be given new passes at the beginning of each marking period. Lost passes = no leaving. They may be used for bonus points or raffle them off for prizes at the end of a marking period if not used. Plan accordingly. If any problems arise, please see me!!
8. I can be contacted by phone at 244-4021 extension 3224 or by email at shelley.fishel@dallastown.net.
9. Students are encouraged to enroll in Remind (or get the free app) to receive text alerts of upcoming test, quizzes, lab assignments. I generally do not send them for short homework assignments.
10. Students are encouraged to join my Quizlet website (or get the free app) to practice vocabulary for upcoming tests and quizzes. More information will follow.



BIOLOGY

COURSE OVERVIEW

UNIT I: INTRO TO BIOLOGY

Scientific Method
Branches of Biology
Biological Vocabulary
Characteristics of Life



UNIT II: TAXONOMY

Classification and Taxonomy (Intro to the 6 kingdoms)



UNIT III: CELLULAR BIOLOGY

Biochemistry
Microscope Usage
Cellular Structures and Functions
Cellular Processes (Photosynthesis, respiration, diffusion, osmosis, active transport)



UNIT IV: GENETICS

Mitosis and Meiosis

DNA, RNA, Protein synthesis
Role of chromosomes and Mutations
Genetic Inheritance (Dominance, Incomplete dominance, co-dominance, multiple alleles, sex linked, dihybrids)
Genetic Disorders



UNIT V: THEORY OF EVOLUTION



Unit VI: ECOLOGY

Populations
Communities
Ecosystems; nature's cycles, ecological succession
Biomes

UNIT VII: Survey of the Kingdoms of Life Viruses and Bacteria



Information About YOU

Name (first and last) _____

Name you wish to be called in class (school appropriate) _____

Hobbies/Activities/Interests _____

In what school activities do you participate? _____

If you could have anything, what would you want? _____

What are three things you are thankful for? _____

Do you have a job? If so, where? _____

One thing that many people do NOT know about me is... _____

Favorite singer or group? _____

Who was your 7th grade Life Science teacher? _____

Who was your 9th grade General Science teacher? _____

Do you have internet connections at home? _____

Special information that you want me to know about you. _____

Ask Mrs. Fishel a question. _____

Textbook number and condition (I will fill in if you wish to have a book)

Over please

Please take this course information packet home tonight. Show it to your parents and have them fill in the information below and sign it. You will receive your first grade for this assignment. It is worth 10 points when returned. 1 point will be deducted each day that the assignment is late. Bring back tomorrow for maximum points.

Parents: Please fill in the contact information below. Then sign this page and send back to school with your student. They will receive points for this assignment. Also, please take a moment to read over my classroom expectations for this year.

Your student will be able to access most of my handouts, power points, worksheets, etc. that I give in class through a Moodle internet site. I will try to keep this as up to date as possible. This will be an excellent resource for students who are out of school for an extended period of time due to illness or educational trip. Internet connection is required.

Parent /guardian names (printed) _____

Parent/guardian preferred contact method (Circle one): Email Home Phone Cell Phone

Contact information (phone number or email address) _____

Please sign below.

Parent/guardian signature

Thank you for your time. I can be reached at 244-4021 ext 3224 or by email at shelley.fishel@dallastown.net if you have any questions or concerns this year.

Shelley Fishel

