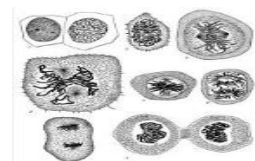


Instructor: Mrs. Henna Jaffry
Room: G 135
Email: henna.jaffry@ucps.k12.nc.us

Tutoring: Tuesday 7:20-7:50
or by Appointment



Welcome to BIOLOGY!



Biology I is a comprehensive course in the biological sciences; the study of living things. It is a full semester class which has four common assessments (previously known as benchmarks-dates TBA). The End of Course Exam will be given in January for fall semester & in June for spring semester (date TBA). This course is divided into the following major topics:

Topic	Approximate Number of Days
Ecology (Interrelationships, Cycles, Human Impact)	10
Physical, Chemical and Cellular Basis of life (Cells and Chemistry)	18
Continuity of life and Changes over time (DNA, Reproduction, Genetics, Evolution)	32
Unity and Diversity of Life (Classification, Disease, Behavior)	20

Students will learn using lectures, investigative laboratory experiments, reading, completing interactive activities with the internet and technology, and with lab reports/projects. Students should expect to have **homework EVERY NIGHT (with a few exceptions)!**

REQUIRED MATERIALS

3 ring binder (1 $\frac{1}{2}$ - 2 inch) -Your Computer -Pencils -Dividers (5)
Black/Blue pens (No Colored Ink) -Lined Paper - Colored pencils

ATTENDANCE

Students are responsible for all material presented in class. All make-up work will be in a designated area in our classroom. If you are absent, it is YOUR responsibility to pick up make-up work.

HOMEWORK, MAKE-UP AND LATE WORK POLICY

- Homework will be listed on the Whiteboard and on Canvas.
- Homework will be usually checked at the beginning of class while students complete the warm-up. Homework may be occasionally checked for accuracy.
- School's policy will be followed on make-up work. You will have 2 school days to make-up any work that you may have missed the day you were out.

- Late homework will **NOT** be accepted unless we don't go over the homework then it could still be submitted the next day for a maximum of 90%.
- It is YOUR responsibility to check the Canvas page & the designated area in the classroom to pick up the make-up work.

GRADING CRITERIA

Please be aware of how your grade will be calculated:

Unit Exams	40%
Labs/Projects/Webquests	20%
Quizzes/Notebook Check	20%
Homework/Classwork	20%



Semester Grade:

25% (Term 1) + 25% (Term 2) + 25% (Term 3) + 25% (NC EOC Final Exam)

- Tests will be always **announced** and will correlate with the lessons.

CLASSROOM PROCEDURES

- Being on time is crucial to your success in my class. I will strictly follow the MRHS tardy policy. Please refer to the MRHS student guide for further information.
- **Come to class prepared.** Bring a pencil/pen, notebook, your computer, and your binder **every day**. Please follow all directions the first time they are given & respect personal space and property.
- **NEVER** leave the classroom **without permission** AND the **hall pass**.
 - ❖ Step 1: Completely fill out the sign out/sign in sheet
 - ❖ Step 2: Take the Hall Pass.
 - ❖ Step 3: Please ALWAYS close the door behind you!
- Appropriate behavior must be displayed when playing review games.

CLASSROOM RULES

1. Place cell phones in your assigned slot of the phone organizer (hung at the front of the room) upon entering the classroom before the bell rings. School policy will be **strictly** implemented on use of cell phones.
2. REMAIN SEATED AT ALL TIMES (unless instructed otherwise).
 - *Please don't talk, move around the classroom (to throw trash or for any other purposes) or leave the classroom when I am talking or teaching.*



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3. **NO EATING (unless suggested otherwise);** this is a science classroom. You may bring something to drink as long as it has a lid. **NO CANS or OPEN CUPS!** Lab safety procedures should be followed at all times during labs.
4. **Dismissal Process: Absolutely NO standing by the door before the bell rings.** Everyone should be sitting in their seats when the bell rings. That is only way to get dismissed!
5. To help me identify all papers that are turned in, students should clearly write or print both their first and last name on all assignments (**NO NAME NO GRADE**).

Test Topic	Chapter/Sections	Review Date*	Test Date*
Unit 1: Science Skills & Characteristics of Life	Supplemental Material	N/A	TBA
Unit 2: Ecology	Chapter 2, 4, 5 & Supplemental Material	A day before the test	TBA
Unit 3: Organic Molecules and Enzymes	Chapter 6 & Supplemental Material	A day before the test	TBA
Unit 4: Cell Structure & Processes (Photosynthesis- Cellular Respiration & Membrane Transport)	Chapter 7, 8-1, 9 & Supplemental Material	A day before the test	TBA
Unit 5: Molecular Basis of Heredity (DNA & RNA) & Biotechnology	Chapter 11, 13, & Supplemental Material	A day before the test	TBA
Unit 6: Cell Cycle & Mitosis (Asexual vs. Sexual Reproduction and Inheritance)	Chapter 8.2, 8.3 , & Supplemental Material	A day before the test	TBA
Unit 7: Meiosis & Genetics (Asexual vs. Sexual Reproduction and Inheritance)	Chapter 10, 12 & Supplemental Material	A day before the test	TBA
Unit 8: Evolution	Chapter 14.2, 15 & Supplemental Material	A day before the test	TBA

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Unite 9: Classification & Behavior	Chapter 17, 33, 39, & Supplemental Material	A day before the test	TBA
4 Common Assessments (previously known as benchmarks) & EOC Exam: Schedule TBA			

ing of any kind is **NOT** tolerated and will result in a **ZERO**, a call home, and you will be referred to administration. Do & Submit YOUR OWN work! MRHS disciplinary policies will be followed strictly!

Helpful Hints for Success

- VERY IMPORTANT: Go to 'Calendar' button under Home page to access homework calendar instead of calendar tab on Canvas.
- Make sure to know how to access BOTH online textbooks!
- We will have limited time in class to practice vocabulary for each unit using Quizlet sets (available on Canvas) so please make sure to practice on your own!
- You are responsible for all the assigned reading material. It will also help you learn the learning the meaning of new vocabulary *in context*.
- Review class notes daily so you are learning as you go. (VERY IMPORTANT!)
- You should have the same data as your lab partner(s) but **NOT the same answers**. PLEASE SUBMIT YOUR OWN WORK!
- There will be a review sheet AND a practice test (on Canvas) for each unit exam so please make sure to take advantage of those resources.
- Notebook checks will count as a Quiz grade so make sure to keep your notebook organized.
- Ask questions! If you don't understand something, you are not the only one.
- I know life exists beyond the classroom so if there is an issue that is affecting your academics, then please talk to me!

Tell me and I forget, teach me and I may remember, involve me and I learn.

~ Benjamin Franklin