

North Reading High School Science DepartmentTeacher: Ms. Jolibert Email: kjolibert@nrpsk12.org

Websites: Primary class site [Google Classroom](#)
www.plusportals.com/NorthReadingHighSchool and
www.msjolibert.weebly.com

Additional Sites used as Resources:

[Quizlet \(study tool\)](#)

[Gizmos \(virtual lab website\)](#)

[Edpuzzel \(learning tool\)](#)

Course Description: Students will continue their study of biology by delving deeper into the study of genetics and applying critical thinking in the realm of bioethics. The genetics focus of this course offers an in depth study of genetics including but not limited to the following topics: inheritance, genetic disorders, DNA technology, and the future of genetics in medicine, agriculture, and one's life. Mathematical analysis of laboratory activities and inquiry-based work will guide students through the material. An emphasis will be placed on problem solving and decision-making skills. Semester coursework will emphasize

problem solving, decision-making, critical thinking, applied learning, and knowledge.

The semester on bioethics will provide students the skills necessary to deliberate and consider the medical, scientific, societal, and political factors faced by individuals and societies in the scientific and biomedical field. Students will use ethical inquiry to develop thoughtful positions on complex bioethical issues including, but not limited to: human experimentation, vaccination policies, organ transplantation, genetic testing, mandates, end of life care and animal ethics. This course is designed for students who are planning to pursue further study in biology and are interested in exploring ethical questions related to the life sciences.

General supply List for at home and in/class labs/activities:

- Writing Utensils
- Markers or Colored Pencils
- Ruler
- Paper for Writing and drawing
- Scissors
- Glue Sticks
- White Out

Other Course Materials: Class Notebook or Note paper to take notes and create study guides, Calculator, Headphones (that work with your chromebook) and your chromebook
please bring materials to every class!

Grading: Students will be assessed on exams, quizzes (online), HW/Class-work, labs, projects (assignments on Google Classroom). Students should be able to view all Grades will be available online once I have them graded.

Quarter Grade: Total Points Student Earned / Total Possible Points x 100 = Quarter Average

Missed assignments and other assignments can be turned in late for half credit up until the end of the quarter. Quizzes CAN be retaken up until the due date, TESTS CANNOT!

QUIZZES: These are meant to be "formative assessments". This means, taking them should give yourself and myself information on whether or not you are understanding the material. You may retake a quiz for as many times you like up until the due date (usually one week after it is assigned). If you aren't doing well, study some more, or reach out to me to get some extra help. Once the due date is passed, your answers will be reviewable. I suggest that you review all quiz answers prior to taking the test.

TESTS: No Retakes, but please review your test when it is made available. You are encouraged to do test corrections for your own self-learning (this will help you on your future tests). If you would like to review your test with me one-on-one, please make an appointment :)



Self Advocate and Check your progress: Be responsible for your work and own progress!

When you don't understand something OR are just not doing as well as you would like, ask me for help. When you see zeros on your plus portals account- make them up or contact Ms. Jolibert for help.

Check your grades online at www.plusportals.com/NorthReadingHighSchool

Extra Help: Individual sessions can be arranged by appointment (just email me and we can set up a time that works for us both!). I will also offer class/group extra help sessions that you should take advantage of when possible!

Extra Credit: Students may engage in an extra credit assignment, but must announce their intent to complete the assignment at the beginning of the quarter. The extra credit project should include the following: Researching a topic of their choice relating to the class, Writing in their own words about what they have researched and Creating something that helps you present your findings to your classmates. Projects are due before the end of the quarter. All assignments must be pre-approved by the teacher. A list of recommended assignments can be found on the teacher website www.msjolibert.weebly.com

Class Participation: *This is a class based on collaborative learning. As such, being prepared to participate in discussions is a course requirement. This entails having completed all out of class assignments and having thought about the complete assignment carefully before class starts.*

More broadly speaking: Be prepared. Ask questions. Be curious. You are more than welcome to have a different interpretation of what we are learning than a classmate or me; just be sure to share your perspective in a productive and supportive manner. Your thoughts and questions will provide the starting point for our discussions. Your active participation will be consequently factored into your final grade for the course. If you're reluctant to speak up, please talk to me and we'll figure out a way for you to participate.

Other Expectations: Students must attend class regularly, be on time to class, and bring all needed work materials to class. Students should always come to class appropriately attired and with a positive respectful attitude. Students are expected to not have their cell phone out unless prompted to by their teacher. **Behaviors and actions that negatively affect your learning or the learning of others in the classroom will result in a loss of points in class participation.**



Lab Safety: Parents/Guardian, Student and Teacher must all sign safety contract in order for the student to participate in lab. When in the lab, all students are required to adhere to the contract and conduct themselves in a safe manner. Improper acts will result in the student being asked to leave the lab and as a result receive a zero for that experiment. Second time violators will be prohibited from further lab use and therefore receive a zero on all subsequent labs.

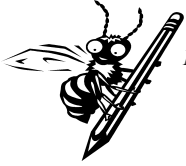
Absences and Make-Up Work (As Directed in the NRHS Parent/Student Handbook)

“All work missed due to absence from school must be made up. Generally, students are allowed a day of make-up for a day of absence when not at school due to illness. It is the student's responsibility to obtain the assignment on the day of his/her return to school. When assignments are given in advance or notice is given in advance for tests, students may be held responsible upon their return to school despite having been absent. Students who will be ill for an extended length of time (more than two missed days of school) may arrange to acquire assignments directly from their teachers. It is recommended that this be done by email contact: kjolibert@north-reading.k12.ma.us

If absence from class is due to tardiness, dismissal, guidance appointment etc., the student is responsible for obtaining the assignment that day and completing it for the day the assignment is due. No additional make-up time need be allowed. Students who will be absent from school due to family trips should make every effort to obtain available assignments in advance. All work (including tests) may be due the day that the student returns to school.

Students who receive an incomplete grade must submit all make-up work to the appropriate teacher no later than two (2) weeks after the closing of grades. Unless granted an extension by the teacher and/or the school administration, all incomplete grades will be changed to failures after this two (2) week period.”

Academic Honesty: Academic honesty is expected of all students. Cheating in any form, including plagiarism, is a breach of this expectation. Plagiarism is defined as the taking and using of the thoughts, writings, inventions, etc., of another as one's own. Plagiarism includes taking someone else's work, writing, homework, or project, or copying someone's quotations that come from an outside source, even a peer. This also applies to Internet use. Taking information from any website and claiming it as one's own is a form of plagiarism as well. Students are reminded of the importance of using proper citation methods. Students who fail to adhere to the expectations of academic honesty, either through cheating or plagiarizing, are subject to receiving a lowered grade or a grade of zero on the assignment. Parents will be notified in cases of academic dishonesty. Additional consequences may be assigned depending upon the severity of the infraction.



NRHS is a community of learners challenged by a rigorous curriculum that fosters both critical and creative thinking. Provided with a safe learning environment, students will demonstrate higher order reasoning skills, service to the school and community, and tolerance toward all individuals. Each student will leave NRHS with the tools necessary for a life-long commitment to citizenship, service and learning.