

# Andover Huskies

## General Biology A Syllabus



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Location	C210	C212	C205

**Office Hours:** Daily by appointment

This is a required course involving the study of living things, life processes, interactions, and relationships. Through readings, videos, discussions, activities, and hands-on labs, students will study the scientific process and investigate living things. Through this course, we aim to help students develop the skills to research and analyze evidence on scientific events. Using these skills students will be able to carry out an educated discussion and make informed decisions as they relate to current events in biology.

### Specific Topics of Study

- Introduction to Biology and the Scientific Method
- Ecology
- Biochemistry
- Cells

### What You Will Need?

- ✓ Pen and pencil everyday
- ✓ Lined paper everyday with a binder or a spiral notebook and folders for organizing handouts.
- ✓ Calculator (sometimes)

### Husky Biology Basic Expectations:

1. Be on time to be successful. District attendance procedure will be followed.
2. All students have the right to learn. You will respect that right.
3. No food in the lab area; only resealable drinks allowed in the classroom area.
4. Cell phone use is not allowed in class unless instructed to do so for class activities. Having a cell phone out during tests and quizzes will be considered cheating.
5. Cheating/plagiarism is not allowed and will be followed up with consequences.
6. Be respectful to all of the people around you and all science class materials.
7. Read, sign and follow all science classroom safety guidelines and procedures (attached) provided by Andover High School and Anoka-Hennepin School District 11.
8. Follow Andover High School technology guidelines outlined in the student handbook
9. Have Fun!

### General Requirements:

Attendance in Biology is extremely important! You will be responsible for the materials missed in class and in lab. Be sure to look at the daily agendas in class or online to see what you missed and get missing assignments from your absence.

### Lab Make-Up:

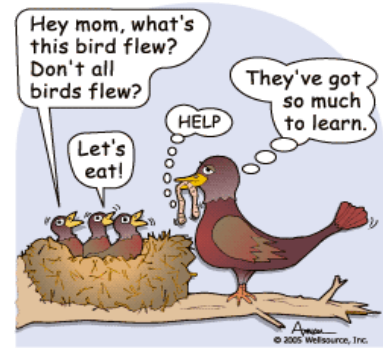
Some laboratory experiences require specific supplies and may not be made up. See your instructor for a make-up plan or an alternative learning assignment the day you return. You are still responsible for the content.

### Participation/Safety:

*Students must participate in all laboratory activities while in class. Safety of all students is of highest importance and inappropriate behavior will not be tolerated.*

## Trimester Grading:

<b>Products</b>	<b>90%</b>
Unit Tests & Quizzes	80%
Final Exam	10%
<b>Process and progress</b>	<b>10%</b>
Class assignments, labs, homework	



## Grading Scale:

A = 93-100%	A- = 90-92.99%	B+ = 87- 89.99%	B = 83-86.99%
B- =80-82.99%	C+ = 77-79.99%	C = 73-76.99%	C- = 70-73.99%
D+=69-67.99%	D = 63-66.99%	D- = 60-62.99%	F = 0-59.99%

## Formative assessments and late work:

Labs, homework, and projects are expected to be completed and/or turned in by the posted due date. Lack of participation in this area leads to a lack of understanding and may lead to an undesirable grade in the class. The deadline for late work is the day of the unit test.

## Re-learning Opportunities:

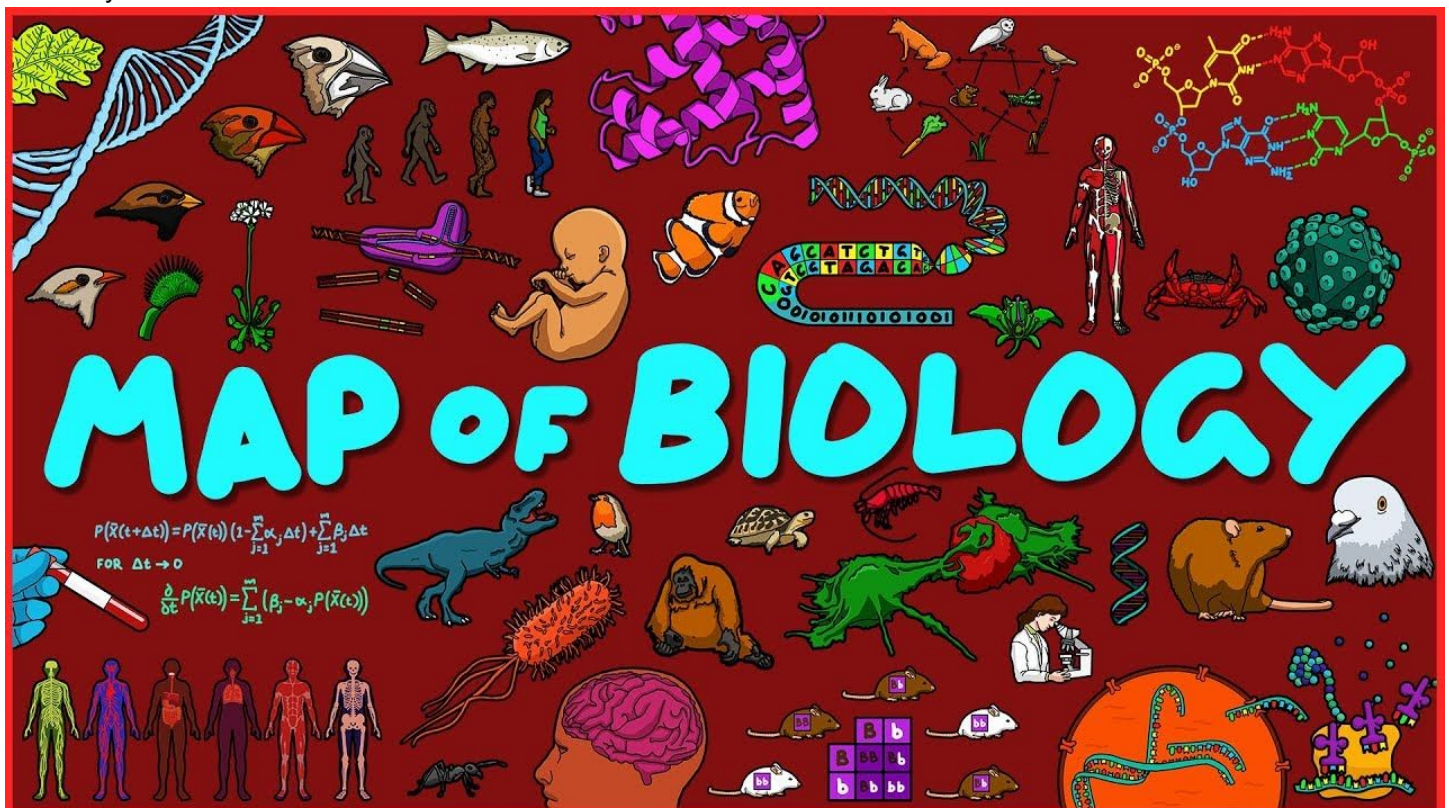
In order to take advantage of re-learning opportunities, students must have demonstrated their best effort to learn and be prepared for their initial assessment. This could include things such as: completing assignments/labs, coming in for help before the assessment, using WIN time, and completing re-learning assignments. **See attached social contract.**

Communicate with your instructor as soon as possible if you are struggling in class. We are here to help you! **The sooner we know you need help, the easier it is for us to help you!**

## Technology:

Part of this course will be conducted using online resources. Access to chromebooks will be possible most days in class, but if you have a laptop or chromebook of your own and a way to keep it safe, you may use it in class.

Note that *use of computer technology in class is a privilege*. As such, it will be revoked if you are using computers for activities other than the assigned task. If this happens, it will be your responsibility to do all computer work at home or in the library after school.



*Anoka-Hennepin Independent School District No. 11*  
**Safety Procedures in Secondary School Science Classrooms**

1. Written and verbal instructions concerning procedures and/or precautions are given for my protection. I will read and listen carefully, and follow all directions.
2. Experiments done in class are for instruction. They are planned in order to teach an idea. I will perform only authorized experiments.
3. I will handle only those chemicals or equipment for which I have received training. No control for gas, air, or water is to be turned on except for lab work. Electrical outlets are only to be used for electrical plug-ins; other inserts are dangerous.
4. Tasting, smelling, or mixing unknown substances can be very dangerous. I will not do so unless instructed to do so in a planned, approved experiment, with proper techniques.
5. Chemicals are labeled to identify them. I will always carefully read the label to be sure I am using the correct substance. To avoid contaminating chemicals, I will not return used or unused chemical to reagent containers. I will dispose of chemicals as my teacher directs and never mix chemicals in the sink drain.
6. To avoid splattering when mixing acids, I will add acid to water.
7. Horseplay and practical jokes in the science classroom are dangerous and can be expensive. I will practice safe conduct in the classroom.
8. Fire is dangerous and care must be taken when working with it. I will not reach across a flame or bring a flammable substance near flames. I will confine long hair and loose clothing to prevent it from igniting. I know where the fire extinguisher is located and how to use it. All fire must be extinguished, gas off, and materials capped before departing from the classroom for a fire drill or other school activity. I will not carry any lighted splints away from the lab station.
9. Safety equipment (eyewash, shower, first-aid kit) is provided in the science classroom in case of emergency. I know how and when to use this equipment.
10. Hot materials, such as glassware, hot plates, burners, and chemicals can cause serious burns. I will be extremely careful when working with these to prevent injury to others and myself.
11. I will be sure the open end of a test tube points away from anyone while the test tube is being heated or shaken. I will always heat test tubes evenly to prevent liquid from "shooting."
12. Broken glass is dangerous. I will use a broom and dustpan to immediately pick up all broken glass and place it in the broken glass container.
13. Safety goggles are required by law (MN Statutes, Section 126.20 [Ex. 1967, C14, S1-6]). Goggles must be worn covering the eyes during all activities using fire or glassware; mixing, handling or heating chemicals; chipping rock; or whenever danger exists to the eyes. I will wear my safety goggles unless permission to remove them is granted by the teacher.
14. I will wear other necessary apparel required for specific work, i.e. apron, gloves, shoes, outdoor gear.
15. If an incident should occur that results in injury to others or myself in the classroom or damage to equipment, I will immediately report it to my teacher, no matter how minor the injury or damage may appear. Chemical spills on skin or clothes should be flushed with water immediately. All accidents, cuts, or spilled chemicals should be reported immediately to the instructor.
16. I will not eat, drink, or chew gum in the science classroom. I will always wash my hands carefully after handling chemicals or animals.
17. I will use proper techniques and be careful with sharp instruments.
18. It is important to know the exits to be used in case of emergencies. Students must not sit in aisles, which would prevent emergency exit from the classroom. Likewise, projects, materials, or equipment must not be stored so as to slow room evacuation. I am familiar with exits and the appropriate action to take when the emergency signal is heard.

Student Name: \_\_\_\_\_

Hour: \_\_\_\_\_

I have read and agree to the information and expectations outlined in the class syllabus, Anoka Hennepin lab safety sheet, technology expectations from the Andover High School student handbook.

I will conduct myself in accordance with those expectations and understand that district/school policy will be upheld.

Student signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent/Gaurdian signature: \_\_\_\_\_ Date: \_\_\_\_\_