

**COURSE TITLE: AP BIOLOGY and or College in the High School Biology**

Instructor: **Mr. Tony Stapleton**

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**Text: Campbell Biology AP Edition, 11th edition**

**COURSE DESCRIPTION:** AP Biology is equivalent to a college introductory biology course. It is a laboratory course designed to give students a working knowledge of biological concepts, laboratory techniques, and scientific skills. This course prepares students for the AP Exam given in May and/or the College in the High School Biology Final Exam while giving them a deeper understanding of life. Cost and deadlines of College in the High School Biology and the AP Exam will be forth coming. There are many resources available to help students, including myself, so please do not hesitate to come in or contact me for any questions, concerns or assistance.

There will be ***4 big ideas covered in this class:***

***Big idea 1:*** *The process of evolution drives the diversity and unity of life.*

***Big idea 2:*** *Biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis.*

***Big idea 3:*** *Living systems store, retrieve, transmit and respond to information essential to life processes.*

***Big idea 4:*** *Biological systems interact, and these systems and their interactions*

There is one zero period required each week for labs and exams, usually Wednesday.

There is a \$25 lab fee for consumable materials and a lab book. It is due on Tuesday 9/12/23 if at all possible.

**Grading policy:** Students will be graded in: Web assignments/Mastering Biology, laboratory exercises, quizzes, tests, and projects. These areas will be appropriately weighted according to the difficulty and time required. ALL WORK MUST BE TURNED IN A TIMELY MANNER or there will be a % reduction

**Grading scale:**

100-90%	A range	89-80%	B range	79-70%	C range
69-60%	D range	59- 1%	F range	( + & - are +or- 2%)	

***Classroom Rules to live by for every action there is a reaction:***

- Students will abide by **academic integrity and a code of conduct** by doing their own work and **not cheating** in any way. *Collaboration is good Cheating(AI) is BAD! Understand the difference!*
- Students will come prepared for class every day; this Includes bringing your laptop and charger.
- Students will clean up after themselves and their lab groups.
- Students will show respect for others and materials.
- Students will be allowed to eat and drink in class if responsible.
- No hats or hoods or personal grooming will be allowed in class.
- Cell phones and other personal connected electronic devices will be turned off and put away while in class and during instructional time, unless otherwise instructed by the teacher.
- Don't be tardy! Students are to be in their seats prepared when the bell rings.
  - ❖ Consequences will follow the Snohomish High School Discipline Progression

***To confirm parent/guardian receipt of Syllabus and Safety contract please complete the online form emailed out on skyward or found on Canvas***

<https://forms.office.com/Pages/DesignPageV2.aspx?subpage=design&FormId=jPKRUGKrBEyMrT4eT5futIxbBFFOAB5PnmeGmrTMqVdUNDhSTDZDTTZOWFBONINXWjVSSDdXOV03TS4u&Token=737623e291b24e0da025409490125144>

***Any questions anytime please email me- [tony.stapleton@sno.wednet.edu](mailto:tony.stapleton@sno.wednet.edu)***

***Or call my classroom 360-563-4138***

**Welcome to the wonderful world of AP BIOLOGY!**

## Lab Safety Contract

- 1.No playing around, disruptive or dangerous behavior in the laboratory and classroom.  
Carefully follow all written and verbal instructions of the teacher. Use only the materials and equipment provided by the instructor in class. Ask if in doubt about a procedure or task.
- 2.Do not perform experiments which have not been authorized by the instructor. Students may not work alone in the lab.
- 3.Safety glasses must be worn in the lab area. Other protective clothing, such as gloves and aprons are at your option, unless otherwise noted. Confine long hair or loose clothing. Wear close-toed shoes when instructed.
- 4.Report all accidents or injuries to the teacher immediately. In case of a chemical spill on your skin or clothing, rinse the affected area with plenty of water. If the eyes are affected water-washing must begin immediately and continue for 10 to 15 minutes or until professional assistance arrives.
- 5.Never eat or drink or chew gum in the laboratory unless it is part of the lab. DO NOT taste or touch chemicals or food unless specifically instructed to do so; and then do so only as instructed.
- 6.Know the location and function of fire extinguisher, first aid kit, eye wash, safety shower, and fume hood.
- 7.Properly dispose of all materials as directed by your teacher.
- 8.Stay and work in your assigned group. Do not distract other groups from their work.
- 9.Use caution when carrying laboratory equipment to/from the lab stations. Be aware of what is going on around you. Fines for broken equipment which resulted from carelessness (not abiding by the above rules) will be issued.
10. Use common sense.

### Identification of Location of:

Eye wash

Fire Extinguisher

Shower

First aid kit

Safety glasses

Fire blanket

AED machine

Fire alarm pull

Where to go in case of Evacuation

ALL STUDENTS MUST HAVE A SIGNED SAFETY CONTRACT ON FILE TO PARTICIPATE IN LAB ACTIVITIES.

I, \_\_\_\_\_, have read, discussed, and understood the safety rules listed on these pages. I agree to follow these rules and will comply with all directions issued by my instructor in the laboratory / classroom. I will conduct myself in a responsible manner at all times. I will report any misbehavior or situation which could endanger the welfare of myself or others to the instructor promptly. I will be careful using equipment and supplies, knowing I could be asked to replace broken equipment. I agree to carry out good housekeeping practices, proper disposal techniques, and protect myself using safety equipment while in the laboratory. I realize if I knowingly disregard this contract, I will not be permitted to take part in laboratory activities.

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Student Signature/Date