

Biology Syllabus and Safety Contract

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Office Hours: During study halls; M-F 7-8 am; after school by appointment

Grade Level	Length	Credit	Pre-requisite
10-12	1 year	1 (science/required)	None
Course Description: Introduction to Biology is a course designed to explore the science of life and living organisms. It covers the structure, function, growth, origin, evolution, and distribution of living things both micro and macro in scope. The course delves into various fields like cell biology, genetics, ecology, and more. Learning will occur through the use of laboratory techniques, inquiry and problem solving processes, as well as hands-on activities. These practices include the use of math skills (see common core standards) in the form of data collection, data display, and analysis which are at the core of the scientific method. Ethical issues and controversial topics will be discussed from various perspectives.			
Supplies needed: 1" binder or similar, paper, pencil, pen, 1 box colored pencils, 1 box tissues, 1 roll paper towels			
Textbook: online: haspi.org eoc practice: https://eoc.alohahsap.org/families.html			Cost if lost, stolen, or damaged: n/a
Standards Addressed Next Generation Science Standards; Common Core Reading Standards 11-12; GLO #1-6; Nā Hopena A‘o All NGSS and Common Core standards can be found on the HIDOE website here. Nā Hopena A‘o standards can be found on the HIDOE website here. GLO standards can be found on the HIDOE website here. How they look in the classroom can be found on my website here.			
Grading: Students will earn points from the following assignments: daily bell work, daily exit passes, class work, journals, homework, essays, research projects/presentations, quizzes/exams, lab activities and lab reports. 45-90 points of extra credit/alternative assignments are available per chapter. There is a lot of work but a lot of reward! A State mandated EOC Final Exam (see above for practice link) will be worth 10% of the total grade. Otherwise, all work is weighted equally. Work will be graded on a 10 point scale: A= 100%-90%, B= 89%-80%, C= 79%-70%, D= 69%-60%, F= 59% and below. Since all assignments are weighted equally, being conscientious about completing classwork and homework can make up for a bad test grade. Students with an Individual Education Plan (IEP) will be graded as outlined in the IEP. Once the concept assessment is given, no late work or extra credit from that topic is accepted. Grades are updated online twice/week. Please go to Infinite Campus to check your grade.			
Topics Covered: NGSS Topics covered are Structure and Function; Inheritance and Variation of Traits; Matter and Energy in Organisms and Ecosystems; Interdependent Relationships in Ecosystems; and Natural Selection and Evolution.			
Classroom Rules/Consequences: All H.P. Baldwin High School rules (i.e. dress code, cell phone use, etc), attendance policy, and COVID guidelines are followed. Students are expected to maintain and demonstrate the following: RESPECT, SAFETY, HONESTY, PUNCTUALITY, RESPONSIBILITY, and QUALITY WORK.			

Student voice is reflected in all aspects of the curriculum and learning environment. Students' perspectives and aspirations are highly valued in the classroom, school, and community, and influence the design of educational programs, learning experiences, and school structure through student choice practices. Leaders' decisions are informed by student input.

Missed Work Procedure

- If a student is absent or tardy, it is the student's responsibility to check the class calendar online in Google Classroom for any missed work. **Students need to schedule time/date to make up missed labs and tests with the teacher.** If the student does not come in to make up an assignment during a scheduled time and date, the student will receive a "0" with no chance to reschedule.
- Upon returning, students must provide legitimate excuse notes and will be given time equal to the excused absence to make up their work. Any work that was due on the day of absence is due on the day the student returns from the absence.

Grade check/FT forms/notes from home (i.e. absent notes)

Place all forms that need my signature in the **INBOX** on my desk before the tardy bell. They will be read, signed, and returned prior to the end of class.

Google Classroom

All class assignments, schedules, and other resources related to the courser, can be found in Google Classroom. An email invite was sent to your school email. Be sure to check it regularly for updates.

Class code for period 1 is **mndc3qsc** Class code for period 3 is **zm76sfx2** Class code for period 5 is **nitcds3l** Class code for period 7 is **dpasiwi4**

CHEATING results in a zero for the assignment and includes talking or using cell phones during tests/ quizzes, copying someone else's work, letting someone else copy your work, and plagiarism. Use of AI is expressly forbidden.

Lab Safety Contract

1. I will act responsibly at all times in the laboratory.
2. I will not **horseplay** or be off task in the laboratory.
3. I will follow all instructions about laboratory procedures given by the teacher, or pre-lab, because failure to do so could endanger myself and others.
4. I will leave my lab area as I found it, cleaning up after myself.
5. I will wear my safety goggles and follow safety protocols.
6. I know where the fire safety equipment is located in the lab and have been trained in its use.
7. I will immediately notify the teacher of any emergency.
8. I will tie back long hair, remove jewelry (including id), and wear proper shoes while in lab.
9. I will never work alone in the lab, unless instructed to do so.
10. I will not take chemicals, equipment, or dissected parts from the lab without permission.
11. I will **never** eat or drink in the lab unless instructed to do so by the teacher.
12. I will treat all living or preserved specimens carefully and ethically.
13. I will only handle living or preserved specimens when authorized to do so by the teacher.
14. I will not enter or work in the storage room unless authorized to do so by the teacher.
15. I will keep a copy of this contract as a reference.

Failure to follow any of these procedures may result in my immediate removal from the lab, for a time to be determined appropriate by the instructor. In the interim, alternative assignments will be provided to complete as necessary.