



Biology (Bio B) – Macro Ecological Syllabus

This is a working draft, content subject to change

Course: Biology

Instructor: Ms Bender

Class location: K-7

Office Hours: Tuesday & Thursday 8:00 am - 8:30 am

Lunch & Teacher preparation period by appointment only

Phone: (541)-790-5100 (x5179)

e-mail: bender@4j.lane.edu

Course Website: <http://blogs.4j.lane.edu/bender/>

Required Text: Kenneth Miller & Joseph Levine, **Biology**, Boston: Parson, 2019

Required Student Supplies: spiral notebook (70 pg minimum), colored pencils, tape/glue stick

Si necesita más información en Español sobre esta clase, por favor comuníquese con Paola Massingham al 541-790-5151 o por correo electrónico: massingham_p@4j.lane.edu



Course Description:

In this trimester of biology you will be learning and applying numerous ways to help develop your scientific & academic skills such as critical thinking & inquiry. This course will help increase your knowledge of the natural world from an ecological perspective, as well as outlining the interconnections and processes that occur in biology at the ecological level. Ecological Biology will also be a place where you will practice various study skills techniques, such as Cornell Note Taking, critical reading, and marking the text. These skills will not only help prepare you for advancement in the biological sciences, but it will also help in your preparation for the Oregon Science Standards Test, as well as readying you for life after high school... whether that be through college or directly into the career of your choice. Lastly, this course will hopefully be a little fun along the way 😊.

Course Behavioral Expectations:

1. Come to class **prepared** (INB, writing utensils, etc) & **on time**
2. Treat all humans & other animals with **respect** & in a **positive manner**
3. Treat all materials (textbook, lab equipment, etc) with **care**

Units of Study:

In this class we will cover a wide variety of biological topics that includes (but is not limited to) scientific method, systematics, organisms, theory of evolution & ecosystems. Please see your copy of the "Ecological Biology Content Calendar" or access a digital copy on my website for more detailed topics, approximate week coverage & the chapters in the textbook that are covered for each topic. This document is meant as a *rough guide* & is subject to change.

Grading Policies:

Your grade in Ecological Biology is based on the points you earn on assignments, projects, labs, quizzes, tests, the Interactive Notebook & any extra credit work you complete (see an E.C. handout for requirements). Your **overall grade** is comprised of the following:

Category	Percentage	Description
Labs/Assignments	50%	Laboratories, In-class work, Homework assignments, Projects & Papers
Tests/ Quizzes	30%	Planned unit tests, short quizzes & pop quizzes
Interactive Notebook	20%	A bound notebook of Cornell Notes, reflections, summaries & mini-labs, etc. that reinforce biological content & study skills... the best study tool possible ☺

Your grade will be posted on **Synergy** at regular intervals (usually every 2 weeks) during the grading period & a detailed individual printout is available at any time upon request. Final letter grades are determined using the following scale:

90-100% = **A** 80-89.9% = **B** 70-79.9 = **C** 55-69.9% = **D**

Assignments, Tests & Quizzes:

1. Assignments & Labs are due at the beginning of the period into the turn in boxes unless otherwise indicated
2. Tests & quizzes are to be completed & turned in the same class period
3. Missed classes:
 - a. **Look up** the Warm-up questions & activities using the "Warm-ups/Schedule" binder on top of the turn-in boxes in the classroom *OR* look up the information on **my website** using the "Biology B Warm-up/Schedule" (posted at the end of the day). Individual printed copies are available upon request
 - b. **Copies of all handouts** are located in the file cabinet at the front of the room
 - c. **Complete** Warm-up & scheduled activities
4. Late work: ***Late Grade Slip Required***
 - a. When turning in an assignment **after it is due**, fill out Late Grade Slip & **staple** to the **completed assignment** then place into turn-in box
5. Calculators may be used, unless otherwise stated on a lab or activity

Laboratory Policy:

There will be numerous labs to complete over the course of biology. To keep the labs at a manageable level, it is imperative that you follow all directions for the lab very specifically. Failure to do so will result in suspension of lab privileges, as well as substitution of a written activity. If you miss a lab, you will be either given data to process or be assigned an alternate activity.

Attendance Policy: (see Student Planner/Handbook for more details)

1. Absence = missing class
2. Tardy:
 - a. Procedure:
 - 1) First 10 minutes tardy entered by teacher into Synergy
 - 2) After 10 minutes, **go to front office for a note** to enter class
 - b. Excused vs Unexcused ...see Student Handbook
 - 1) Make-up work:
 - a) Excused: no Late Grade Slip if **within 2 class days**. LGS after 2 days
 - b) Unexcused: **Late Grade Slip required**
 - c) Prearranged Absences: due before or after with teacher discretion
 - c. Consequences for tardy:
 - 1) Chronic tardiness may result in referral and a parent conference
 - a) Levels of discipline include, but are not limited to: community service, assisting the teacher, lunch detention, before and/or after school detention, written reflection and loss of privileges.

Bathroom Policy:

1. "Hall Pass" Required:
 - a. Student to present pass when exiting class
 - b. Student leaving class & not presenting pass will be **marked tardy**
 - c. Student gone *longer than 10 minutes* will be **recorded in synergy as an "extended tardy"**

Food & Drink Policy:

1. **NO** Food or drink in class, **except** unsweetened water in a sealable container (i.e. personal H₂O bottle or purchased bottled H₂O)
2. **NO** tobacco products in class (see Student Planner/Handbook for more details)
3. Gum: OK, as long as I don't see it or hear it ☺

Electronic Device Policy:

1. iPods, MP3, Walkmans, and other music devices: **not to be used (put away)** during class time **except** during teacher designated "Tech On" work times
2. Cell phones: **not to be used (put away)** during class time
3. Use of electronic devices in class results in **confiscation of the device**:
 - a. **first** offence: confiscation of device by teacher & device returned at the end of the class period

- b. **second** offence: confiscation of device by teacher & device returned at the end of the school day
- c. **third** offence: confiscation of device by teacher & referral to administration for return of device

Academic Integrity:

It is expected that students will respect and be held to a high level of academic integrity. Academic Integrity is not something taken lightly at Churchill High School. Breaches of academic integrity include cheating, copying assignments, plagiarism (presenting another's work as your own), and facilitation of cheating/plagiarism/copying. We expect our students to hold themselves to a high level of integrity; students who choose not to do so will face consequences, including but not limited to, receiving a zero on the assignment/project/test, referral, and parent notification.

COW Computer/CALF iPad Agreements:

1. I will **keep** food and drink **AWAY** the computer
2. I will place the computer on a **flat, stable surface**
3. I will **report** any computer damage to the teacher **immediately**
4. I will **log myself off** the computer
5. I will **shut down** the computer by **using the Apple icon** (upper left corner)
6. I will place my computer in the **correct number slot & plug it in** to charge

Churchill P.R.I.D.E. :

Perseverance Respect Integrity Determination Excellence

- We show our **PERSEVERANCE** by staying positive, continuing to try, and learning from our mistakes
- We demonstrate **RESPECT** by treating other the way we want to be treated and by caring for the environment and ourselves.
- We display **INTEGRITY** when we are honest, set good examples that make others proud, do our own work, and always stand up for what is right.
- We exhibit **DETERMINATION** when we attend class, work hard every day, are responsible, and do what needs to be done.
- We illustrate **EXCELLENCE** when we do our personal best, always try to improve, and lead by example.