

Biology

High School

Period 2-5

Mr. Kemper

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Room 339

Introduction:

Biology, “the study of life,” expands on the concepts that students learned in 7th grade life science.

We will be learning about many facets of life on Earth. Physiology, genetics, evolution, photosynthesis, and cell biology, are all major topics we will cover in this course. We will be exploring these topics through a variety of different methods, lectures, discussions, labs, and small group work.

The lessons for this class will follow the California standards for Biology (10th grade science) and the NGSS. These standards can be found at <http://www.cde.ca.gov>.

Text:

“Biology” by Miller and Levine, copyright 2010

→ Textbooks will be kept in class and can be checked out to be used at home on a case by case basis.

Materials:

- 1” to 3” three ring binder
- Loose-leaf binder paper
- A Biology only folder or section of the binder
- Pens and pencils
- Eraser if using pencil
- Colored pencils or pens
- Highlighter



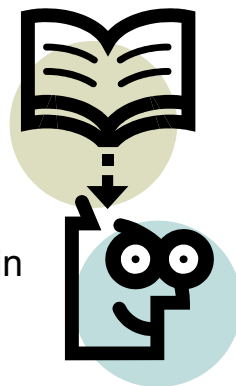
Lab Fee Donation: The science department is asking for a \$20 donation so we can purchase supplies that will allow us to teach more hands on lessons. Cash or check is fine. Please make checks out to “OSA.” Please donate what you can as I have limited funds to purchase lab materials.

This syllabus is a guide for the course and is subject to change with or without advanced notice

Grading:

College and Career Readiness 10%

“College and Career Readiness” is a category that measures a student’s ability to conduct themselves in a manner that would help them succeed in college or in the professional world. This includes but is not limited to; note taking, being actively engaged in class discussions, punctuality, preparation, and focus in class.



Homework: 10%

Classwork: 10%

Labs: 20%

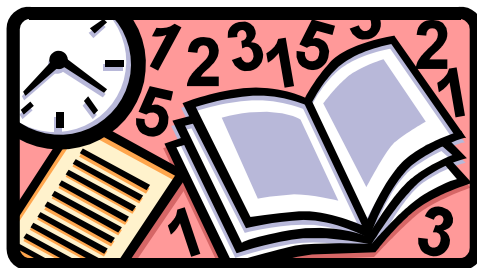
→ The lab grade will be based on lab reports that will be turned in the day after the lab is completed and participation during the lab. Further expectations will be gone over in class.

Quizzes: 30%

→ Will be given after each unit. Quizzes are short assessments between 10-15 questions that are a mixture of multiple-choice, essay, short answer, and fill in the blank. If you score below 60% D- you will be allowed to do quiz corrections to raise the grade to passing (60%)

Tests: 20%

→ The test grade is comprised of the mid-term and the final grade. The tests cover only the quarter in which they are given, not the entire semester. Tests will consist of multiple choice, short answer, fill-in-the-blank, and essay.



Classroom Behavior and Expectations:

(These rules are in addition to the rules as set out in the student handbook)

1) Treat the instructor and your peers with respect.

→ This classroom will be a safe environment for the exchange of ideas. You don't always have to agree with your peers and instructor, but you will treat them with respect in this class.

2) Practice good discussion etiquette.

→ Take turns speaking during discussions, raise your hand to speak, use academic language, and stay on topic.

3) Come on time and prepared to learn.

→ Be punctual and focus on the material in class. Class starts at the bell, be ready to go at that time or you will be marked tardy.

→ Side conversations and otherwise not paying attention in class will not only result in losing points for that behavior, but you will miss material that is important to your grade.

4) No eating or drinking, except water, in class

5) All electronics are put away and on silent, unless otherwise instructed.

→ There is no texting in class, as this is distracting to you and others. You cannot have ear buds in during lecture or class discussions. Computers can be used for taking notes, however the first time they are used for any other purpose not relevant to the class that privilege is lost.

Discipline Procedures:

My goal is to have every student come away with from class with a good understanding of Biology and a passing grade or better in the course. To this end I cannot tolerate behavior that distracts from class and causes people's grades to suffer.

The first instance of such a behavior will result in a verbal warning. If the behavior continues, the student will receive a second warning and will lose points from C.C.R Participation. Further consequences could include detention, loss of off campus lunch, and/or being sent out of class.

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Attendance and Make up work:
(Please reference the student handbook for the school's policy on attendance)

One of the most important things you can do to succeed in this class is make sure you come on time every school day. This being said, I understand that illness and family emergencies occur. Students need to talk to me the first day they get back to get any assignments they missed. I will also post assignments on my blog (see the web address above) daily. **Students get one day per day they had an absence to make up missed work.** If a student misses a test or quiz they need to talk to me the day they get back in order to schedule a time before or after school to make it up. No make-ups will be given during class as that will cause the student to miss more content and get farther behind. If you miss the review, one day prior to the quiz, you will still be expected to take the quiz with the rest of the class as there will be no new material introduced.



If a student is absent or tardy please send an email to me and attendance@oakarts.org to excuse this absence.

Please put the following in the subject line:
[Student Name] Absence excuse [Date ____/____/____]
or
[Student Name] Tardy excuse [Date and Period].

Example: John Doe, Absence Excuse 9/99/99



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Communication:

Email is generally the best way to get a hold of me. I check my email every day, including weekends, and will reply within 48 hours. Please make sure that the email contains a name on my roster so I know who the email is from or about. Thank you.

Quarter 1 Class Overview: (This is subject to change)

Week 1: Intro to the Class

The Science of Biology

Thinking Scientifically

Week 2: Digestive and Excretory Systems

Week 3: Nervous System

Week 4: Skeletal, Muscular, and the Integumentary Systems

Week 5: Chemical Reactions and Enzymes

The Endocrine System

Glands of the Endocrine System

Week 6: Viruses and Prokaryotes

Week 7- 8: Immune System and Disease

Week 9: Review for midterm/Midterm

October 28th 2011, Grading Period 1 ends.

After Quarter 1 we will cover:

→The Chemistry of Life

→Cells

→Genetics

→Evolution

→Ecology

Updates and Changes to the schedule will be announced in class and posted online.



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Please detach and return this page to Mr. Kemper.

I have gone over the syllabus (5 pages) with my student and both my student and I understand all course policies.

Parent/Guardian Signature

Print Parent/Guardian Name

Student Signature

Print Student Name

Parent/Guardian Contact Information

This is the information I will use to get in contact with you, so please print your phone number and email address neatly. If you are including more than one person's contact information, or the contact information is not for the parent or guardian above, please print their name next to their phone number or email address.

Thank you. ☺

Email: _____

Phone: _____
