

Marine Science

Oregon City High School
Instructor: Steven Tebor

2016-17

*What is the sense of owning a good
boat if you hang around in home
waters?*

– George Miller, Oyster River



Course Description:

Marine Science is a survey course that will provide a foundation in oceanography and marine biology. The science of understanding Earth's oceans integrates basic scientific concepts and principles of geography, geology, chemistry, physics and biology. Lesson topics include formation of Earth and its oceans, plate tectonics, distribution of sediments, properties of seawater, ocean currents, marine ecology/habitats and environmental issues. Laboratory exercises reinforce the course curriculum and are mostly quantitative using scientific data to investigate and solve problems.

Marine Science Content Standards

- The ocean is an integral part of the water cycle and is connected to all of the Earth's water reservoirs via evaporation and precipitation processes.
- The ocean supports a great diversity of life and ecosystems.
- The ocean affects every human life. It supplies freshwater (most rain results from evaporation of ocean water) and over half of earth's oxygen. It moderates the Earth's climate, influences our weather, and affects human health.

Required Materials

Textbook: Marine Biology, McGraw-Hill 2007

Three-ring binder / spiral notebook, colored pencils, scientific calculator

Grading Criteria:

Successful course work in science requires completion of class assignments. The objective of class assignments is to reinforce the learning from the curriculum for a given day or to introduce a new topic. All assignments are due at the beginning of the class period unless otherwise instructed.

Students will have the opportunity to improve their academic achievement through reassessment options for tests or quizzes. Reassessments must be completed within ten school days after the posting of grades of the original assessment. Prior arrangements with the instructor will be made before the reassessment, and it will be administered outside of the normal school day (i.e. advisory, before or after school). The maximum allowable grade is a C (75%) when retaking a test or quiz.

The best way to do well in this class is to keep up on the graded work. Please don't hesitate to ask questions or seek support. You can expect me to be fair, consistent and accessible.

Assignment Types (%)	
Test/Quiz	35%
Assignments/Labs	40%
Readings	10%
Final	15%

Readings

Students will be assigned supplemental readings throughout the term. Reading assignments and expectations are found on the class website.

Late Work

Late assignments will not earn full credit. Assignments will earn 90% of their score if they are turned in within one week of the original due date and only 50% of their score after one week. Any late work that is turned in after the unit assessment will not be accepted.

Class Web Page:

Throughout the term, I will maintain a Web Page for the Marine Science class. The address is <http://staff.orecity.k12.or.us/steve.tebor/>. You will find information relevant to the class including content objectives, assignments, articles and study guides.

Academic Integrity

Plagiarism and cheating of any kind will not be tolerated. Cheating includes copying, cheat sheets or using an electronic device during an exam. Academic dishonesty will result in an "F" grade for the assignment. Repeated violations will result in an "F" for the course and a written referral.

Absences

There is a direct correlation between attendance and student performance. Students with excused absences are allowed one more day than the number of days absent to complete and submit any assigned make-up work. Labs can usually only be performed at school, and the equipment is available on a limited basis. It is the student's responsibility to arrange a time before or after school, or during lunch, to make up a lab. Written assignments may replace the makeup lab at the teacher's discretion.

Cell Phones

Cell phones and other electronic devices may not be used during class without permission of the instructor. Electronics need to be powered down and out of sight.

- First Offense: Verbal warning by teacher. Student will secure cell phone out of sight (i.e. immediately turn off and put in backpack/purse/locker).
- Second Offense: Parent notification by teacher, referral to Vice-Principal for consequences.
- Third Offense: In-school suspension.
- Fourth Offense: Full range of sanctions.

Classroom Expectations

- Respect each student's right to learn and the teacher's right to teach.
- Come to class with appropriate materials and be prepared to learn.
- Class time is for Marine Science, not taking time to complete assignments from another class.
- Remain in your seat until dismissed from class. Work throughout the entire period.
- Food or drinks are not to be consumed in the classroom.
- If spills occur or lab equipment is broken during your lab, please report the incident to the teacher. All injuries are to be reported to the teacher immediately.

If a student exhibits inappropriate behavior during a lab that is detrimental to the group's progress, his/her lab work will be terminated. However the student will have the opportunity to finish the lab report using the group data.