

AICE Marine Science 1 Course Syllabus 2022-2023

Lemon Bay High School

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Textbook: Marine Science (Cambridge International AS and A Level)

Welcome to AICE Marine Science! This year we will cover all of the content for the Cambridge International AS Level Marine Science Exam. This exam will take place towards the end of the second semester (Date TBD). This course offers an in-depth look into the abiotic and biotic factors that affect marine ecosystems. We will complete hands-on laboratory experiments for each unit to improve understanding of the course materials and relate the content to the real world. This class focuses on critical thinking and using the scientific method to evaluate marine ecosystems and will therefore involve a lot of research and writing. Our unit tests will involve written components in the style of the AICE exam to help prepare you for the final AICE assessments.

What topics will we learn about this year?

This course is organized into 6 units. The units are as follows:

- Unit 0: Practical Skills
- Unit 1: Water
- Unit 2: Earth Processes
- Unit 3: Interactions in Marine Ecosystems
- Unit 4: Classification and Biodiversity
- Unit 5: Examples of Marine Ecosystems

How will grades be earned?

- Daily Work 40%
 - Classwork (Activities, Lab, & Projects)
 - Bell Work
 - Homework
- Assessment 60%
 - Quizzes
 - Tests

What supplies will be needed?

- 1" or 1.5" Three Ring Binder (Required)
- Pencils and Pens (Required)
- Notebook or Notebook Paper (Required)
- Earbuds or Headphones Compatible with School Issued Chromebook (Required)
- Calculator (Required)
- Colored Pencils & Sharpener (Recommended)
- Glue Stick (Recommended)
- Scissors (Recommended)
- Ruler (Recommended)

Course Instructional Format

We will be using a combination of in person direct instruction and virtual instruction. Instruction will be organized in and facilitated through Canvas. We will also be using the Edpuzzle instructional site and Explore Learning Gizmo online simulations (instructions for accessing Gizmos will be shared during Week 1 in-person class sessions).

Course Communication Format

As we work through this school year, open lines of communication will be imperative! Remind and email will be the primary means of communication between home and school for BOTH students and parents. Students and parents should be automatically enrolled in the class Remind. If you or a parent are not in the class Remind group, the codes to join will be posted on Canvas.

Class Environment & Expectations

- Our classroom will be a MUTUALLY RESPECTFUL ENVIRONMENT. Treat one another, our classroom, and the animals with respect.
- Attendance is IMPORTANT! In order to be a successful learner, your presence in class is essential.
- Arrive on time.
- 20/10 Rule in effect.
- Backpacks and electronic devices stowed away in designated area.
- Remain seated until dismissed.

Aqualab

A safety contract is required to work in the lab. Working in the lab is a privilege.