

Marine Science - Year at a Glance

Course # 2002500

A Note to Parents: State standards require your child's science teacher to plan lessons that build knowledge of various scientific concepts, develop the ability to apply these concepts, and engage students in critical thinking. To achieve these goals, students will take part in a range of activities including reading, discussions, writing, lab activities and projects, and more. Safety is paramount in science labs and your child's teacher will ensure a safe learning environment.

What is the purpose of this course?

- Students will explore concepts relating the atmosphere and its interactions with the ocean, marine populations and ecology, marine ecosystems, and human/ocean interactions.

What will students be learning in this course?

	Topics
Quarter 1	• Introduction to Marine Science • Properties of Water • A Survey of Ocean Zones and the Ocean Floor
Quarter 2	• Atmospheric and Oceanic Interactions • Waves and Tides
Quarter 3	• Marine Ecology • Survey of Invertebrates
Quarter 4	• Marine Ecosystems • Human Interactions with Our Oceans • Survey of Vertebrates

Courses are designed so that all standards will be learned by the end of the course. This guide represents a recommended timeline and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will be addressed in a specific course are best answered by the individual teacher.