



Exploring Creation With Marine Biology

By Sherrie Seligson

For several years now, older students have asked us to produce a marine biology course. Dr. Wile's area of expertise is definitely not in that area, but we have found someone who is a homeschooler and a marine biologist. Her name is Sherri Seligson, and she has written a marine biology course for us in the format of our "Exploring Creation With" series! The course was field-tested last year with more than 100 homeschool students, and it is now available for general use.

Scope:

This course concentrates on marine wildlife and marine habitats. It provides a survey of members of each biological kingdom that live in marine environments. The student will learn about the microscopic organisms that make life in the ocean possible, including details about their interesting habits and life cycles. The student will also learn about the anatomy of many macroscopic marine creatures such as clams, starfish, and sharks. The student will then learn how these creatures and their physical surroundings form marine ecosystems such as intertidal zones, estuaries, coral reefs, continental shelf communities, epipelagic communities, and deep-ocean communities. The course ends with a study of marine resources and our relationship with the sea.

"I studied the Marine Biology course this my senior year. Its a very interesting subject especially since I live near the Atlantic Ocean and the St. Johns River in Florida. You wrote it in a way that keeps my attention and is easy to understand. Because of what I had learned about Marine Biology from you I was able to talk with Paleontologist, Mrs. Mary Parker and Biologist Dr. Gary Parker about many cool sea creatures. I learned alot and was glad I was prepared. Thank you! (Marine Biology Student)

Methodology:

This course was written specifically for homeschoolers. It is designed with the idea that the student is working alone with the course. This means that all of the explanation that a teacher would normally give orally in class is included in the book, step by step. This is also why the course is written conversationally, to make the student feel like someone is speaking directly to him or her. Here is what parents and students have said about our courses:

"This is the first time in our homeschooling experience that my child is completely on his own learning a subject that I know little about. . . Thank you for a great course!" (Parent)

"I'm writing to thank you on writing a very interesting science book. I love how you say things in first person. It makes it feel like you were right there beside me." (Student)

Labs:

Exploring Creation With Marine Biology contains three types of laboratory exercises for the student to perform:

1. Household labs - Only household equipment is used. These labs should be done by all students.
2. Microscope labs - Require a microscope + slide set. These labs are optional.
3. Dissection labs - Require a dissection kit. These labs are optional.

We do not REQUIRE you to perform the microscope and dissection labs. They will be beneficial to the student (especially if he or she is science-oriented) but they are not absolutely necessary. Thus, you should not feel pressured into purchasing the microscope or dissection equipment. Do so only if you can afford it! If you have the financial means, we do make available the microscopy and dissection laboratory equipment. We have worked very hard with our equipment supplier, Nature's Workshop Plus!, to provide you with a quality set at a very low price. If you wish to order directly from them, their toll-free phone number is 888-393-5663.

Pacing:

This text contains 16 modules. Each module should take you about 2 weeks to complete, as long as you devote 45 minutes to an hour of every school day to studying Marine Biology. At this pace, you will complete the course in 32 weeks. Since most people have school years that are longer than 32 weeks, there is some built-in "flex time." You should not rush through a module just to make sure that you complete it in 2 weeks. Set that as a goal, but be flexible. Some of the modules might come harder to you than others. On those modules, take more time on the subject matter.

Pre-Requisites:

Students need to have completed one year each of high school biology (preferably Exploring Creation with Biology) before taking this marine biology course.

Available Formats:

Marine Biology	ISBN	Price
Text Book Set	1-932012-60-5	\$ 85.00
Text Book Only	1-932012-58-3	\$ 65.00
Test/Solutions Only	1-932012-59-1	\$ 20.00

Marine Biology	ISBN	Price
Full Course CD-Rom	1-932012-66-4	\$ 65.00
Companion CD	1-932012-67-2	\$ 15.00

For more information about course formats please see our [Course Format](#) information page.

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