



Summer Learning Institute Program Course Outline

Life Under the Sea

Join us in an unforgettable journey beneath the waves, where campers will learn, play, and explore while developing a strong connection to the incredible world that lies beneath the sea. Campers will have an amazing opportunity to see and handle the museum's massive collection of oceanic artifacts and specimens. Take a dive into our massive Megalodon exhibit and learn all there is to know about the largest shark that ever lived!

All program classes are organized to address the following aspects:

- STEM/STEAM Education.
- Cultivate an interest in Art, Science, and History.
- Continued knowledge and comprehension regarding Volusia County School Standards.
- Develop interpersonal skills such as teamwork and problem solving.
- Foster curiosity and imagination of the world around us.

Pre-requisites: None

Date: June 10-14

Software/Materials/Books/Media: Handouts and materials provided in class.

Exhibits/Galleries that correspond with camp:

- *Megalodon: The Largest Shark that Ever Lived* (Presented by Wagner the Lawyer Dude)
- Tide Pools (Presented by Expert Reserve Services)

Course Objectives:

Students will:

- *Recognize and tell the difference between different marine species.*
- *Handle real Ocean Artifacts from the MOAS collection.*
- *Learn about Megalodon. (We will provide you with the educational handbook on this exhibit during the camp)*
- *Be able to identify and describe various sea creatures.*
- *Learn about the different zones of the ocean.*
- *Learn the difference between filter feeding whales and Toothed whales.*
- *Learn about corals.*
- *Learn the different oceans.*

5 Day Course Outline Example: Schedules must consider, lunch time, snack time, free play, and lessons in the gallery. All movies/shows must be approved by MOAS staff prior to viewing.

- Day One: Story time, Itsy Bitsy Ocean Book craft, Saltwater vs Fresh Water hands on activity, Lesson in the Gallery, Fork Puffer Fish Craft.
- Day Two: Soapy Seafoam Sensory Bin, Megalodon Scavenger hunt in the gallery, Bubble Art, Shark teeth Identification, Paper Plate Shark Jaw/Mask activity.
- Day Three: Story time, Ocean Zones activity, Planetarium Show, Lesson in the gallery, Sea Creature Ice Excavation.
- Day Four: Story time, Rainbow fish craft, Lesson in the gallery, 3D Fish/Megalodon craft.
- Day Five: Story time, Recycling activity, Lesson in the gallery, Hands-on Ocean artifacts from the collection, Jellyfish craft.

Assessment:

Student’s ability to demonstrate the following:

1= Below Expected Outcome

3= Meets Expected Outcome

5=Exceeds Expected Outcome

The Student Has:	1	2	3	4	5
Demonstrated knowledge and understanding of Ocean life					
Demonstrated knowledge and understanding of Megalodon					
Demonstrated ability to work in a team					