

Grade 10-12

Distance Learning Module 6: Week of May 11<sup>th</sup> – May 15<sup>th</sup>

## **Marine Science - Modified from [Unit #3 - Water Quality](#)**

### **Targeted Goals from Stage 1: Desired Results**

#### **Content Knowledge:**

1. Excess phosphates and nitrates from detergent, fertilizer, and septic/sewer systems cause dead zones in bodies of water through a process called eutrophication.
2. The town engineer is responsible for assessing the water quality of local bodies of water and reporting the results of water quality testing to the state of Connecticut.

**Vocabulary:** pH, Coliform, Carbon cycle, eutrophication

**Skills:** Use data from water quality testing to assess and report the quality of water in our community.

#### **Expectation:**

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Students will participate in google meeting to discuss water testing content and expectations	pH TEST COLIFORM CARBON DIOXIDE	
Tuesday: Students will view water test video 2	Water test video 2	
Wednesday: Students will Participate in field trip 3	Pictures of field trip 3	

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Thursday: Ships log day for field trip 3	ships log doc	
Friday: Digital portfolio upload day	Digital portfolio	

**Week criteria for success** (attach student checklists or rubrics):

ships log rubric

FT 3 uploaded to digital portfolio

**Supportive resources and tutorials for the week** (plans for re-teaching):