

# **STEM Service Learning Program at MarineLab**

## **5 Day 4 Night Program**

<b>DAY</b>	<b>TIME</b>	<b>ACTIVITY</b>
1	2:00 PM	Arrive, orientation
	3:00 PM	Swim test, gear orientation
	4:00 PM	Lagoon skills check
	6:30 PM	Supper
	7:30 PM	DISCUSSION: Coral reef ecology
	8:45 PM	LAB: Water quality measurements
2	7:30 AM	Breakfast
	8:30 AM	DISCUSSION: Seagrass ecology with survey instructions
	9:30 AM	FIELD TRIP: Seagrass ecology with surveys
	12:30 PM	Lunch
	1:00 PM	FIELD TRIP: Coral reef ecology #1 (SCUBA) with water quality and BleachWatch
	6:30 PM	Supper
	7:30 PM	DISCUSSION: Field identification of reef fish - REEF
	8:45 PM	LAB: Zooplankton Identification
3	7:30 AM	Breakfast
	8:00 AM	DISCUSSION & DEMO: Reef Restoration Techniques
	12:30 PM	Lunch
	1:00 PM	FIELD TRIP: Coral reef nursery & restoration sites (SCUBA)
	6:30 PM	Supper
	7:30 PM	PRESENTATION: Lionfish Eradication Program (REEF) and Lionfish Dissection Lab
4	7:30 AM	Breakfast
	8:00 AM	FIELD TRIP: REEF Fish Survey Dives (SCUBA)
	12:30 PM	Lunch
	2:00 PM	FIELD TRIP: Mangrove ecology with water quality, site cleanup
	6:30 PM	Supper
	7:30 PM	Data Upload
	8:15 PM	Reflections/Discussion on the program, including student evaluations
5	7:30 AM	Breakfast
	8:00 AM	Depart after breakfast (no flying until after 12 pm)

Water quality measurements are uploaded to GLOBE or Lakewatch, depending on site.  
 Seagrass ecology survey activities are uploaded to Seagrass Watch and partially funded by Reef Restoration techniques and restoration sites are part of our partnership with the Coral REEF Fish surveys are uploaded to REEF's online database.