

MarineLab 2018 Teacher Workshops

Advanced Marine Ecology & Research Techniques

July 23 - 27, 2018

		Mon 7/23	Tue 7/24	Wed 7/25	Thu 7/26	Fri 7/27	
8 AM	:00		BREAKFAST (8:00)	BREAKFAST	BREAKFAST	BREAKFAST	
	:30			DISCUSSION: Coral Reef Ecology with Bleachwatch			
9 AM	:00		DISCUSSION: Seagrass ecology & Research Methods	FIELD TRIP: Coral Reef Ecology with Bleachwatch, water quality testing	LAB: Harmful Algae Blooms Phytoplankton Identification	FIELD TRIP: Coral Reef #3: A Closer Look	
	:30		FIELD TRIP: Seagrass ecology with surveys				
10 AM	:00						
	:30						
11 AM	:00				DISCUSSION: Coral Reefs: A Closer Look	Post test & evaluations	
	:30						
12 PM	:00	OPEN CHECK IN	LUNCH (12:30)	LUNCH	LUNCH	LUNCH (optional)	
	:30						
1 PM	:00			Booking a MarineLab Program (optional)		<i>Participants may depart immediately after completing their post-test and evaluation</i>	
	:30						
2 PM	:00	ORIENTATION	FIELD TRIP: Mangrove ecology with sediment analysis, water quality testing	FIELD TRIP: Rodriguez Key zonation with Diversity Indexing	FIELD TRIP: Coral reef ecology #2 with parrotfish surveys		
	:30						
3 PM	:00	SWIM TEST, SNORKEL ORIENTATION, LAGOON SNORKEL					
	:30						
4 PM	:00						
	:30						
5 PM	:00						
	:30						
6 PM	:00	ICEBREAKER	SUPPER	SUPPER	SUPPER		
	:30	SUPPER					
7 PM	:00	PRE-TEST		LAB: Spicule Prep	LAB: Microplastics	COLOR KEY	
	:30					Introductory activities, paperwork	
8 PM	:00	DISCUSSION: Intro to Keys Habitats	LAB: Diversity Indexing	DISCUSSION: Field Identification of Reef Fish & parrotfish survey		Diving or other WET activity	
	:15					Labs & excursions	
	:30				DISCUSSION: Summary and data analysis	Discussions (In FCC)	
	:45						
9 PM	:00	LAB: Advanced Water Quality		LAB: Sponge Spicule Identification			
	:15						
	:30					5/2/2018	
	:45	<i>Sequence and content of field trips subject to change due to weather and group size considerations.</i>					