



MarineLab

Marine Resources Development Foundation

5 DAY, 4 NIGHT SERVICE/CITIZEN SCIENCE PROGRAM (GR 9-12)

DAY	TIME	ACTIVITY
Day 1	2 - 3 PM	Arrive, orientation
	3 - 4 PM	Swim test, gear orientation
	4 - 5 PM	Lagoon Snorkel
	6:00 PM	Supper
	7 – 8 PM	DISCUSSION: Intro to Keys Habitats
	8:15 – 9:15 PM	LAB: Water Quality
Day 2	8:00 AM	Breakfast
	9 – 12 PM	DISCUSSION & FIELD TRIP: Seagrass ecology w/ Seagrass Surveys
	12:30 PM	Lunch
	2 – 5 PM	FIELD TRIP: Mangrove Ecology
	6:00 PM	Supper
	7 – 8 PM	DISCUSSION: Coral Reef Ecology with Bleachwatch
	8:15 – 9:15 PM	LAB: Microplastics
	8:00 AM	Breakfast
Day 3	9 AM – 12 PM	FIELD TRIP: Coral reef ecology #1 with Bleachwatch
	12:30 PM	Lunch
	2 – 4 PM	LAB: Phytoplankton Monitoring (Harmful Algal Blooms)
	4:15 – 5:15 PM	LAB: Invertebrate behavior
	6:00 PM	Supper
	7 – 8 PM	DISCUSSION: Field identification of reef fish w/REEF Survey
	8:15 – 9:15PM	LAB: Invertebrate diversity
Day 4	9 AM – 12 PM	ACTIVITY: Marine Debris
	12:30	Lunch
	2 – 5 PM	FIELD TRIP: Rodriguez Key snorkel
	7- 7:30 PM	LAB: Sponge spicule prep
	7:30 – 8:30 PM	DISCUSSION: Summary
	8:45 – 9:45 PM	LAB: Sponge Spicule Identification
Day 5	9:00 AM	FIELD TRIP: Coral reef ecology #2 with Fish Survey

Sequence and content of field trips subject to change due to weather and other considerations.

Itinerary is flexible- please refer to [website](#) for other field trip/lab/discussion options. Note: choosing other programs can increase or decrease total cost.

MarineLab is a program of Marine Resources Development Foundation, a 501(c)3 organization operating under Florida Charitable Solicitations License CH113

51 Shoreland Drive Key Largo FL 33037 305.451.1139

www.mrdf.org

www.marinelab.org