

MCSP



DEERING ESTATE

Marine Conservation Science and Policy Curriculum Supported in South Florida Parks																																	
	A.D. Barnes Park & Nature Center	Amelia Earhart Park	Bill Baggs Cape Florida State Park	Bill Sadowski Park	Biscayne National Park	Black Point Park & Marina	Camp Greynolds	Camp Owaissa Bauer	Castellow Hammock Park & Nature Center	Chapman Field Park	Crandon Park & Biscayne Nature Center	Deering Estate at Cutler	Everglades National Park- Flamingo	Everglades National Park- Shark Valley	Fairchild Tropical Botanic Gardens	Gifford Arboretum	Greynolds Park	Haulover Park	Homestead Bayfront Park	Hugh Taylor Birch State Park	John Pennenkamp Coral Reef State Park	John U. Lloyd State Park	Larry and Penny Thompson Memorial Park	Long Key State Park	Matheson Hammock Park	Oleta River State Park	Secret Woods Nature Center	Seminole Wayside Park	The Kampong	Virginia Key Park	West Lake Park & Anne Kolb Nature Center	Zoo Miami	
1.1 Ocean Zones												X																					
1.2 Ocean Features and Coastal Landforms			X		X	X					X	X	X								X				X	X					X		
1.3 Intertidal Zone			X		X						X	X								X				X	X								
1.4 Salt Marsh					X							X	X							X													
1.5 Sandy Beaches			X		X						X	X						X	X	X	X	X			X	X	X				X	X	
1.6 Mangroves			X		X	X				X	X	X	X		X		X		X	X	X			X	X	X	X	X			X	X	
1.7 Barrier Islands			X		X						X	X						X						X							X		
1.8 Seagrasses			X		X						X	X							X		X	X			X	X					X		
1.9 Coral Reefs					X						X	X							X		X				X								
1.10 The Everglades	X	X		X	X		X	X	X			X	X	X	X				X	X	X		X		X		X	X	X			X	
2.1 Introduction to Zoology& Fish Classification				X	X						X	X	X	X						X	X	X			X		X					X	
2.2 Morphology and Echinoderms				X	X						X	X	X							X	X	X			X		X					X	
2.3 Plankton Communities					X							X	X							X	X	X			X		X					X	
2.4 Cartilaginous Fish and Shark Dissection											X	X																					
2.5 Marine Mammals												X																					



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3.1 Marine Biodiversity					X					X	X	X								X	X										X	
3.2 Trophic Structure					X							X	X	X																		
3.3 Species Interactions					X							X	X	X																		
3.4 Population Sampling												X																				
3.5 Ocean Resources and the Tragedy of the Commons												X							X		X											
4.1 Coastal Development											X	X																				
4.2 Fishing and Bycatch												X		X																		
4.3 Pollution, Water Quality and Quantity, and Bioaccumulation												X		X																		
4.4 Invasive Species												X	X	X																		
4.5 Climate Change					X							X	X	X		X				X												
5.1 Fisheries and Management												X																				
5.2 Aquaculture												X																				
5.3 Mercury Toxicity Data												X																				
5.4 Tagging and Satellite Tracking												X																				
5.5 Principles of Conservation and Environmental Stewardship	X	X		X	X		X				X	X	X	X	X	X			X	X	X	X	X	X		X	X		X		X	

