



Eco Homeschool

Ages 5-8 • Parent Participation • 1st Wed. of the month

Date: 9/4/2019 **Topic:** Welcome to Eco at Deering Estate!

Activity: Explore Deering Estate's past as children compete in a scavenger hunt through the historic houses. The children will also become mini-archaeologists as they search for replica artifacts in our archaeology demonstration site. (OUTDOORS-HAT & SUNSCREEN RECOMMENDED)

Date: 10/2/2019 **Topic:** Going Green

Activity: Discover ways to live more sustainably. The children will make their own recycled paper, as well as begin a compost bin that we will add to throughout the sessions.

Date: 11/6/2019 **Topic:** Catch and Release

Activity: We will dissect a squid to learn about its anatomy. We will learn what overfishing is and how it affects all oceans. We will also fish in Biscayne Bay and learn about the fish found here in South Florida. (OUTDOORS-HAT & SUNSCREEN RECOMMENDED)

Date: 12/4/2019 **Topic:** South Florida Survivor

Activity: We will learn how to navigate using compasses. We will create a take home ethnobotany guide with details on useful plants that are native to South Florida. (OUTDOORS-HAT & SUNSCREEN RECOMMENDED)

Date: 1/8/2020 **Topic:** World of Weather

Activity: Develop class-made thermometers and observe the differences in temperatures in a variety of settings. We will learn about weather and even make it rain!

Date: 2/5/2020 **Topic:** Find Your Habitat

Activity: We will learn about the different ecosystems found in Florida by taking a tram ride through Deering Estate. The children will learn about what makes each ecosystem different: elevation, animals, vegetation, and more. They will create a take home guide of the characteristics found in each ecosystem. (OUTDOORS-HAT & SUNSCREEN RECOMMENDED)

Date: 3/4/2020 **Topic:** What's the Matter?

Activity: We will explore the different states of matter and how they react with one another. We will create volcanoes and watch them erupt, and make bubbles bounce.

Date: 4/1/2020 Topic: Rooted in Nature

Activity: We will learn about the resources that plants need in order to survive. The children will learn about how the earth naturally filters water through its layers. We will use the soil that we created using our compost bin to take plants home in terrariums. (OUTDOORS-HAT & SUNSCREEN RECOMMENDED)

Date: 5/6/2020 Topic: What do you Sea?

Activity: We will climb into Biscayne Bay and catch sea creatures that live in the mangroves and seagrasses. The children will learn how to identify different crustaceans, fish, mollusks, marine mammals, etc. (WE WILL BE GETTING WET)