



## 2017-2018 HOMESCHOOL PROGRAMS

We are excited to offer the following educational programs for Homeschool families this year! Please note the grade levels for each program.

**Each program is limited to 25 students.** These programs are offered on a first come, first served basis.

**Cost is \$6 per student. 1 parent permitted free. Siblings age 4 and under are free.**

**Payments are due at least one week before each program. Spots are not secure until payment has been received.**

Payment can be made by phone with a credit card by calling 386-789-7207 Ext #21028.

Payment can be made in person at the LEC gift shop with cash, check or credit card. If paying by check, a valid driver's license must be presented.

**Cancellation policy: In order to receive a full refund, cancellations must be made no less than 24 hours prior to the start of the program.**

TO REGISTER: Contact Shari Smith, Education Program Coordinator at 386-789-7207 Ext #21026/EMAIL SSMITH@VOLUSIA.ORG  
or Sandy Falcon, LEC Manager at 386-789-7207 Ext#21025/EMAIL SFALCON@VOLUSIA.ORG

**STUDENTS & PARENTS SHOULD DRESS APPROPRIATELY FOR THE WEATHER AND WEAR CLOSED TOED SHOES TO ALL PROGRAMS.  
BE SURE TO BRING WATER. YOU MAY BRING LUNCH TO EAT FOLLOWING EACH PROGRAM IF DESIRED.**

## 2017 HOMESCHOOL PROGRAMS

Activity	Date & Time	Location	Payment Due	Overview
<b>Homeschool Kick-Off Super Scrub! Grades K-8</b>	<b>Wed, Oct 11</b> 9:30 -11:30 am	<b>Lyonia Environmental Center</b> 2150 Eustace Ave Deltona	<b>Wed, Oct 4</b> <b>4 pm</b>	Hike into Lyonia Preserve to explore an ephemeral wetland where we'll examine wetland versus upland plants under the microscope. We will learn how to tell the difference between male & female six-line racerunners, study insects that use chemical warfare for defense, and learn about some of the commensal species that share a burrow with the gopher tortoise . We will discuss the threats this valuable scrub ecosystem faces and brainstorm ways we can help it survive!
<b>Thanks Plankton! Grades 3-8</b>	<b>Wed, Nov 15</b> 9:30 -11:30 am	<b>Lyonia Environmental Center</b> 2150 Eustace Ave Deltona	<b>Wed, Nov 8</b> <b>4 pm</b>	Plankton is known as a keystone species and plays an important role in the Earth's ecology. Unfortunately, our oceanic food webs are in peril due to small pieces of plastic, known as microplastics, floating throughout the oceans of the world. Many creatures mistake microplastics for plankton and eat them. In this interactive workshop, we'll be examining plankton under a microscope, testing water samples for microplastics and discussing ways to help reduce the amount of plastics we use.

<b>Trash to Treasure Grades K-8</b>	<b>Wed, Dec 13</b> 9:30 - 11:30 am	<b>Lyonia Environmental Center</b> 2150 Eustace Ave Deltona	<b>Wed, Dec 6</b> <b>4 pm</b>	Learn about Volusia County's landfill and recycling programs while discovering ways to help reduce the amount of solid waste produced. Use your personal creativity to make two take-home holiday projects using recycled materials. Keep one for yourself and share one of your environmentally friendly creative masterpieces with a friend.
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**2018 HOMESCHOOL PROGRAMS**

<b>Activity</b>	<b>Date &amp; Time</b>	<b>Location</b>	<b>Payment Due</b>	<b>Overview</b>
<b>Florida Flashback Grades K-8</b>	<b>Wed, Jan 17</b> 9:30 - 11:30 am	<b>Lyonia Environmental Center</b> 2150 Eustace Ave Deltona	<b>Wed, Jan 10</b> <b>4pm</b>	Take a trip with us down Florida's memory lane while hiking through Lyonia Preserve to learn about the ancient beach it once was. During a hands-on touch tank encounter, discover some amazing marine invertebrates that used to call Lyonia Preserve home. Test your primitive weaponry skills with Atlatl darts while learning about what life was like for the central Florida native Americans known as the Timucuan.
<b>"Owl" Always Love You Valentine! Grades K-8</b>	<b>Wed, Feb 14</b> 9:30 - 11:30 am	<b>Lyonia Environmental Center</b> 2150 Eustace Ave Deltona	<b>Wed, Feb 7</b> <b>4pm</b>	How much does an owl weigh? How long do they live? What species of owls live in Volusia County? Do they have any predators? Learn the answers to these questions and much more about our feathered friends of the night. Meet a live owl and learn about some of the unique adaptations that help them survive. Create a take-home Valentine owl craft, perfect for sharing with someone you love.
<b>Eat the Weeds Grades 3-8</b>	<b>Wed, Mar 7</b> 9:30 - 11:30 am	<b>Lyonia Environmental Center</b> 2150 Eustace Ave Deltona	<b>Wed, Feb 28</b> <b>4pm</b>	Learn about edible and medicinal plants during an Eco Buggy tour through Lyonia Preserve. Compare and contrast the use of herbs during Colonial times versus today and learn some tips on how to grow herbs in Florida. Have fun creating your own potted herb garden to take home.
<b>The Indian River Lagoon Needs You! Grades 3-8</b>	<b>Wed, April 4</b> 9:30-11:30 am	<b>Lyonia Environmental Center</b> 2150 Eustace Ave Deltona	<b>Wed, Mar 28</b> <b>4pm</b>	What is 156 miles long, spans 5 counties and is home to over 4,000 species of plants and animals? The Indian River Lagoon! Learn about this amazing biologically diverse area, the threats it faces, what is being done and how you can be involved in helping to protect this complex ecosystem. Participate in a hands-on experience, creating oyster mats which will be used to help restore oyster reefs in the lagoon.
<b>FLY AWAY BUTTERFLY Grades K-8</b>	<b>Wed, May 9</b> 9:30 - 11:30 am	<b>Lyonia Environmental Center</b> 2150 Eustace Ave Deltona	<b>Wed, May 2</b> <b>4pm</b>	Discover the amazing Monarch butterfly and it's connection to milkweed in this fun class where students will build a take-home butterfly rearing cage. We'll learn about host plants and life cycles of various species of butterflies found commonly in Volusia County. We'll also learn about flower anatomy and the importance of pollinators and how to attract them to your home garden.

**LYONIA ENVIRONMENTAL CENTER, 2150 EUSTACE AVE, DELTONA, FL 32725**