



Winter 2011-2012 Programs

Register online:
www.mydiscoverycenter.org



The Discovery Center offers classes for children of all ages! Join us for early learning science classes: Toddler's Explore and Create Scientists, and on the first Wednesday of every month enjoy Scoop on Reading! These classes are structured for children to attend with their parent(s)/grandparent(s).

Toddlers Explore (T.E.) Ages 18 months - 2 yrs. Create Scientists (C.S.) Ages 3 - 5 yrs.

Through songs, stories, and exploratory activities you and your child will explore the wonders of nature and science.

January Session Theme: Let's Go Camping!

- 1/5 Forests - Learn about trees, leaves, and the animals who live in the forest.
- 1/12 Campout - We're going camping! Make sure to bring your gear as we embark on an indoor camping adventure complete with s-mores!
- 1/19 Fish - Discover some facts about fish and try your hand at catching them.
- 1/26 Bears - Are you smarter than the average bear? Learn about these amazing creatures of the forest and their unusual winter snooze.

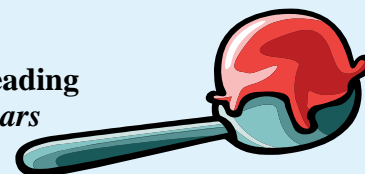
February Session Theme: Extreme Environments

- 2/2 Deserts - Learn about what makes deserts so dry and why you shouldn't mess with a cactus.
- 2/9 Rainforests - Discover the 4 layers of the rainforest and what creatures call each one their home.
- 2/16 Oceans - Explore the ocean and uncover what makes marine life so special.
- 2/23 Mountains - Go on a geological adventure while learning about mountains and the rocks that make them up.

4 week sessions on Thursdays. Limited to 15 preregistered participants. \$22.00 per 4 week session for members / \$26.00 for non-members.

T.E.	Thurs.	9:00am - 10:00am	Jan. 5 - 26
C.S.	Thurs.	10:30am - 11:30am	Jan. 5 - 26
T.E.	Thurs.	9:00am - 10:00am	Feb. 2 - 23
C.S.	Thurs.	10:30am - 11:30am	Feb. 2 - 23

Scoop on Reading Ages 2 - 5 years



Children and parents are invited to get the scoop on reading as the Discovery Center and Altrusa International Inc. of Ocala come together on the first Wednesday of every month.

Afterwards build stronger bonds with your classmates at Tuscawilla Park's new All Children's Playground and maximize this socializing opportunity.

Free - limited to 15 preregistered participants.

Wed.	10am - 10:30am	Dec. - May
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The City of Ocala's Discovery Center
 701 N.E. Sanchez Ave.
 Ocala, FL 34470
 352-401-3900 * Discovery@ocalafl.org



Sidewalk Astronomy For the Entire Family!

All family members are invited to join us for a guided tour of the night sky with telescopes, hands on activities, and educational lectures from astronomer Ken Nash. Please dress appropriately for outdoor, evening conditions.

Free, no registration required.

1/28	6pm - 8:30pm	Saturday
2/25	6pm - 8:30pm	Saturday

Science Saturdays Ages 5 - 15 yrs. and parents

Join the Discovery Center team as we bring together kids of all ages to discover science in their everyday lives. Our first Science Saturday, Kitchen Khemistry intrigued participants in chemistry thorough their taste buds as they enjoyed interactive stations of stimulating and yummy activities. Our next Science Saturday will be **Engineering Day**: Think! Plan! Create! Join the Discovery Center and the Florida Engineering Society in a family day of hands-on engineering challenges. Parents will work with their children as teams and top creators in each division (5-10 yr. olds and 11-15 yr olds) will be awarded prizes!

We will have participation ribbons and 1st, 2nd, & 3rd place medals awarded for each challenge. Complimentary pizza and sodas will be available for lunch.

Free, limited to first 150 preregistered participants.

Engineering Day	Saturday, Feb. 25, 2012	10am - 2pm
Arbor Day	Saturday, April 28, 2012	TBD

Shotokan Karate Ages 8 - Adult

Need a stress release? You and your entire family can build cardio and develop leadership skills while learning self defence, traditional karate techniques, and katas from Sensei Mike McCurry.



Beginner Classes: Mon. and Thurs. 6:45pm to 8:00pm

Emphasis on beginning flexibility, strength and conditioning, awareness, basic self defense, and building on correctness of techniques.

Intermediate/Advanced Classes: Mon., Wed., and Thurs., 6:45pm - 8:45pm

Intermediate: Focus on combinations, application, and continued training of flexibility, strength and conditioning, combinations, kata and kumite correctness of technique and knowledge.

Advanced: Highly dynamic technique driven. Advanced students demonstrate loyalty, respect, and self-discipline. Students possess sound dynamics of kata and tactics of kumite.

Classes are priced as monthly sessions. \$60.00 per student per month. Beginner Classes are limited to 15 pre-registered participants. Intermediate/Advanced Classes are limited to 30 pre-registered participants.



Parent's Night Out Ages 6-12 years

Drop the kids off for a night of science and entertainment while you enjoy an evening of adult company only! Kids will take part in games and activities based on the movie of the night.

Jan. 6 – Explore a fossil dig, make fossil molds and imprints, and dig in the “cookie” before we watch a movie about prehistoric orphans on the adventure of their lives: “Land Before Time”.

Feb. 3 – Discover the ins and outs of owl pellets! We’ll laugh out loud as we watch Hoot: the movie based on Carl Hiaasen’s novel about a young man who moves to Florida from Montana and engages in a fight to protect a population of endangered owls.

Mar. 2 – It’s FLUBBER with Robin Williams! Before the movie we’ll dive into the world of Polymer Science. It’ll be ooze galore as we create our own slime from secret recipes and experiment with ingredients and ratios.

\$15.00 per participant includes snacks. Limited to 25 preregistered participants.

Jan. 6	6:30-9:30pm	Friday
Feb. 3	6:30-9:30pm	Friday
Mar. 2	6:30-9:30pm	Friday

Register Now at www.mydiscoverycenter.org



FEBURARY 11, 2012
10am - 4pm

Join us for a Rotary celebration that will include old fashion family fun, games, competitions and good food!

“At the gate” fees will benefit the Discovery Center!

5 & under = FREE
6 - 12 = \$5.00
13 - Adults = \$10.00

Homeschool Tuesdays
Ages 8-12 yrs.

Fun-filled, hands on educational adventures will encourage your students to wonder, explore, and create every Tuesday at the Discovery Center. PLUS give you a break from the classroom! Our workshops are designed to meet the Science Standards for Grades 3, 4, & 5.

January: It's All Matter! Solids, liquids, and gases! Matter is everywhere! But who knew how many exciting ways we can force changes in matter, or the great ways we can manipulate matter and energy to work for us? Put on your safety goggles. We're in for a real investigative treat!

February: Environ-mentality! Learn about what sustainability really means and why it's important for our environment. Experiment with the effects of air pollution, oil spills, and coal mining, while discovering ways to lessen our ecological footprint.

First three Tuesdays of each month. Each monthly block of three sessions is \$22.00 for members and \$27.00 for non-members. Limited to 20 preregistered participants.

January	Tues.	12:30pm - 2pm	1/3, 1/10, & 1/17
February	Tues.	12:30pm - 2pm	2/7, 2/14, & 2/21



Make It and Take It!
Art Workshops on Early Release Days
Ages 8-14 yrs.

Ocala artist and instructor Vicki Carol is back to inspire and create! Join in the fun on early release day afternoons. In each workshop students will learn a new creative process and complete their own work of art to take home.

- 2-8 Create a paper painting from common materials available in any home.
- 3-7 We're making mono-prints! Learn the simple process of creating a one of a kind art print.
- 5-2 Create your own winner for the Kentucky Derby. Learn the process of building a 3-D horse sculpture from wire and fabric.

Cost per workshop is \$13.50 for members and \$15.00 for non-members. Limited to 15 preregistered participants.

Feb. 8	2pm - 4:30pm	Wed.
Mar. 7	2pm - 4:30pm	Wed.
May 2	2pm - 4:30pm	Wed.



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2011 Winter Break

Winter Camp 2011: Pay It Forward!

Ages 8 - 12 yrs.

'Tis the season of giving. Campers will enjoy a very special field trip to the Audubon of Florida's Birds of Prey Center in Maitland and learn all about various community projects and organizations. In addition, we will be logging all of our wonderful experiences in self made notebooks, while working together to develop, create, and build our very own "Pay it Forward" organization!

Camp is December 19 - 23, 2011, Monday thru Friday, from 8:30am - 4:30pm. Cost is \$100.00 for members and \$110.00 for non-members. Extended Day is available. \$5.00 per session per week: 7:30am - 8:30am and/or 4:30pm - 5:30pm. Limited to 25 preregistered participants.

Explore Florida's Wonders Rock Climbing & Lubee Bat Conservancy Ages 10 - 14 yrs. Wednesday, December 28th 8:30 - 5:00pm

Explore over 8,500 square feet of vertical territory and 3,500 square feet of bouldering while you work on team building skills at the Gainesville Rock Gym. Then in the afternoon discover the Lubee bat Conservancy as we go behind the scenes. We'll observe 12 different bat species including the Malayan Flying Fox which attains a wingspan of six feet!

\$60.00 per participant. Limited to 30 preregistered participants.

**REGISTRATION DEADLINE:
DECEMBER 20, 2011!**



Explore Florida's Wonders ZOORAGEOUS Zipline! Ages 11- 14 yrs. NOTE: 54" height requirement! Thursday, December 29, 2011 7:45am - 5:30pm

Experience nature in a new way! Fly through the trees above the Brevard Zoo as we tackle the Treetop Challenge provided by Treetop Trek Aerial Adventures. You'll navigate tightropes, crab walks, jungle bridges, nets, and best of all Ziplines! We'll also experience the zoo from the ground and learn about the zoo's unique residents from their zookeepers.

\$90.00 per person. Limited to 30 preregistered participants.

**REGISTRATION DEADLINE:
DECEMBER 14, 2011!**

IT IS A NO SCHOOL DAY! GET OFF THE COUCH AND EXLPORE!

Explore Florida's Wonders Manatee Excursion Ages 10-14 yrs. Wednesday, January 18, 2012 7:45am - 5:00pm

Join us on an adventure to the Gulf Coast! Learn about the endangered Florida manatee and experience an "up close and personal" meeting with the Sea Cows. Snorkeling swim provided by Bird's Underwater Dive Center. Manatee swim will be followed by a visit to the Crystal River Archaeological State Park where we will have a private tour of Native American sites. Wet suits, masks, and snorkels required. Fins recommended. Wet suits may be rented for \$15.90 from Bird's Underwater. Masks & snorkels available at n/c.

\$75.00 per person. Limited to 30 preregistered participants.

REGISTRATION DEADLINE: JANUARY 11, 2012!

Explore Florida's Wonders Amazing Creatures BIG and Small Ages 10-14 yrs. Monday, February 20, 2012 8:30am - 4:30pm

It is Gatorland without the fences! First we're traveling to the Alachua Sink to learn about Florida's largest predator: the alligator. Then we'll look closely at one of the ecosystem's smaller contributors as we enjoy an educational tour of Greathouse Butterfly Farm.

*\$52.00 per person.
Limited to 30 preregistered participants.*

**REGISTRATION DEADLINE:
FEBRUARY 12, 2012!**

Register Now at www.mydiscoverycenter.org