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We also thank the volunteers and Associates in Action who make this program possible.

DeBary Hall
HISTORIC SITE
EST. 1871

198 Sunrise Blvd. • DeBary, FL 32713
386-668-3840 • www.debaryhall.com

The ECHO Rangers program is coordinated by the staff of DeBary Hall Historic Site with help from the Friends of DeBary Hall and Kohl's A-Team.

ECHO
ECHO
ECOLOGICAL | CULTURAL | HERITAGE | OUTDOORS
RANGER

PASSPORT TO ADVENTURE!

2016-2017

Volusia County
FLORIDA



WELCOME TO THE ECHO RANGERS!

Volusia County's ECHO Ranger program educates youth, scout troops and their families about the many **E**cological, **C**ultural, **H**eritage and **O**utdoors offerings in our area.

The program is for children in grades 1 - 5 (as of Aug. 15, 2016). The cost is $20 per child. Entry fees to all sites for the ECHO Ranger candidate and one adult are included in the $20 fee.

ECHO Ranger programs are held at parks, museums, historical sites and libraries throughout Volusia County. Activities are scheduled from September through May. Each activity lasts one to three hours, and reservations should be made at least one week in advance.

The ECHO Ranger program is coordinated by the staff of DeBary Hall Historic Site, 198 Sunrise Blvd., DeBary. If you have any questions, please call DeBary Hall at **386-668-3840.**



How does the program work?

ECHO Rangers must complete at least eight activities at specially designated ECHO sites, which are described in this guidebook. Participants take their guidebook to each site and receive an ECHO Ranger stamp when they complete that site's activity or program.

What does an ECHO Ranger receive?

In addition to this guidebook, students receive:

- An ECHO Ranger badge and lanyard
- An invitation to the graduation celebration

Graduates will receive a T-shirt and certificate.

ECHO Ranger guidelines

Congratulations on becoming an ECHO Ranger candidate! You will embark on exciting adventures as you and your parent or guardian visit interesting ECHO sites throughout Volusia County in your quest to become an official ECHO Ranger.

These guidelines will help you in your quest:

- RSVP to the site at least one week before each activity.
- If the weather is inclement, call the site that morning to see if the activity will be offered.
- Show your badge and guidebook to gain entry to the sites.
- Have an adult accompany you throughout the activity.
- Earn stamps from at least eight sites. You must visit at least two sites under each category (**E**cological, **C**ultural, **H**eritage and **O**utdoors). Have your guidebook stamped at each site after completing the activity.
- Explore as many sites as you want, but only one self-guided family adventure will count in each category.

ECHO Ranger safety tips

- Stay with your parent or guardian at all times.
- Stay on trails and follow the instructor.
- Wear a life jacket when you're in a canoe, kayak or boat.
- Carry bug spray and water for deep-woods adventures.
- Wear appropriate, comfortable clothing and shoes.
- Leave only your footprints; use trash and recycling receptacles.

Important guidelines for parents and guardians

- These are public places; please do not let your ECHO Ranger wander around without adult supervision.
- RSVP for programs. Many of our sites can accommodate limited numbers.
- **If you cannot attend, please cancel your reservation**. Sites bring in employees or volunteers to make sure they are staffed for the numbers expected. Also, your cancellation will open a spot for another Ranger.
- ECHO Ranger supply boxes are in the office at each location. Boxes are checked frequently for supplies. If you find that a box is lacking materials or is missing, please contact Kayce Looper at klooper@volusia.org or 386-668-3840. She'll remedy the problem ASAP!

Cookout and graduation celebration

11 a.m. to 2 p.m. Saturday, May 27, 2017



Children completing the program will be invited to a cookout and graduation celebration where they will be promoted to official ECHO Rangers – an elite group of students who have educated themselves about the many great quality-of-life offerings in our community. See page 63 for more details.

ACTIVITIES CALENDAR

2016 dates

Saturday, Sept. 10
Tomoka Landfill, Port Orange 17-E
Marine Discovery Center, New Smyrna Beach 12-E

Saturday, Sept. 17
Ponce Inlet Historical Museum, Ponce Inlet 43-H
Ponce Preserve, Ponce Inlet 15-E
Museum of Art – DeLand 29-C

Tuesday, Sept. 20
ArtHaus Foundation, Port Orange 23-C

Saturday, Sept. 24
Halifax Historical Museum, Daytona Beach 40-H
New Smyrna Museum of History 41-H

Saturday, Oct. 1
Cassadaga Spiritualist Camp, Cassadaga 24-C

Sunday, Oct. 2
Lighthouse Point Park, Ponce Inlet 51-O
Marine Science Center, Ponce Inlet 13-E
Ponce Inlet Lighthouse and Museum, Ponce Inlet 44-H

Saturday, Oct. 8
African American Museum of Arts, DeLand 21-C
Tomoka State Park, Ormond Beach 54-O
Museum of Arts & Sciences, Daytona Beach 28-C
Tomoka Landfill, Port Orange 17-E
Longleaf Pine Preserve, DeLand 19-E

Wednesday, Oct. 12
DeBary Hall Historic Site after-school program 63

Saturday, Oct. 15
Museum of Art – Deland 29-C
DeBary Hall Historic Site, DeBary 35-H

Saturday, Oct. 22

New Smyrna Museum of History	41-H
Ormond Memorial Art Museum and Gardens	30-C
The Casements, Ormond Beach	33-H
Ormond Beach Historical Society	42-H

Saturday, Oct. 29

Gillespie Museum of Minerals, DeLand	10-E

Wednesday, Nov. 2

Lyonia Environmental Center after-school program	62

Saturday, Nov. 5

Halifax Historical Museum, Daytona Beach	40-H

Sunday, Nov. 6

Lighthouse Point Park, Ponce Inlet	51-O
Marine Science Center, Ponce Inlet	13-E
Ponce Inlet Lighthouse and Museum, Ponce Inlet	44-H

Saturday, Nov. 12

African American Museum of Arts, DeLand	21-C
Ponce Inlet Historical Museum, Ponce Inlet	43-H
Ponce Preserve, Ponce Inlet	15-E
West Volusia Historical Society, DeLand	45-H
Tomoka State Park, Ormond Beach	54-O

Tuesday, Nov. 17

ArtHaus Foundation, Port Orange	23-C

Saturday, Nov.19

New Smyrna Museum of History	41-H
Museum of Art – DeLand	29-C

Saturday, Dec. 3

DeBary Hall Cultural Bike Tour, DeBary	25-C

Sunday, Dec. 4

Lighthouse Point Park, Ponce Inlet	51-O
Marine Science Center, Ponce Inlet	13-E
Ponce Inlet Lighthouse and Museum, Ponce Inlet	44-H

Saturday, Dec.10

Ponce Inlet Historical Museum, Ponce Inlet	43-H
Tomoka State Park, Ormond Beach	54-O
Museum of Arts & Sciences, Daytona Beach	28-C

Saturday, Dec. 17
Museum of Art – DeLand 29-C

2017 dates

Saturday, Jan.7
African American Museum of Arts, DeLand 21-C

Saturday, Jan. 14
Ormond Beach Memorial Art Museum and Gardens 30-C
The Casements, Ormond Beach 33-H
Tomoka State Park, Ormond Beach 54-O
Tomoka Landfill, Port Orange 17-E

Wednesday, Jan. 18
DeBary Hall Historic Site after-school program 63

Saturday, Jan. 21
Marine Discovery Center, New Smyrna Beach 12-E
Museum of Art – DeLand 29-C
Fountain of Youth, DeLeon Springs State Park 38-H

Saturday, Jan. 28
DeBary Hall Historic Site, DeBary 35-H

Saturday, Feb. 4
African American Museum of Arts, DeLand 21-C

Tuesday, Feb.7
ArtHaus Foundation, Port Orange 23-C

Saturday, Feb. 11
Ponce Inlet Historical Museum, Ponce Inlet 43-H
Lyonia Environmental Center, Deltona 11-E
Tomoka State Park, Ormond Beach 54-O
Museum of Arts & Sciences, Daytona Beach 28-C
New Smyrna Museum of History 41-H

Monday, Feb.13
Southeast Museum of Photography 31-C

Saturday, Feb. 18
Museum of Art – DeLand 29-C
Fountain of Youth, DeLeon Springs State Park 38-H
West Volusia Historical Society, DeLand 46-H

Saturday, Feb. 25
DeBary Hall Bike Ride, DeBary 25-C

Saturday, March 4
Halifax Historical Museum, Daytona Beach 40-H

Saturday, March 11
Youth Festival of the Arts, Gemini Springs Park 27-C
Florida Public Archeology Network, DeBary 37-H
Tomoka State Park, Ormond Beach 54-O

Sunday, March 12
Lyonia Environmental Center, Deltona 62

Saturday, March 18
Ponce Inlet Historical Museum, Ponce Inlet 43-H
Ponce Preserve, Ponce Inlet 15-E
Museum of Art – DeLand 29-C

Saturday, March 25
New Smyrna Museum of History 41-H
Fountain of Youth, DeLeon Springs State Park 38-H

Saturday, April 1
DeBary Hall Historic Site, DeBary 35-H

Wednesday, April 5
DeBary Hall Historic Site after-school program 63

Saturday, April 8
Ponce Inlet Historical Museum, Ponce Inlet 43-H
Tomoka State Park, Ormond Beach 54-O
Museum of Arts & Sciences, Daytona Beach 28-C

Tuesday, April 11
ArtHaus Foundation, Port Orange 23-C

Saturday, April 15
Museum of Art – DeLand 29-C

Saturday, April 22
Gillespie Museum of Minerals, DeLand 10-E
New Smyrna Museum of History 41-H

Saturday, May 13

Tomoka State Park, Ormond Beach 54-O
Tomoka Landfill, Port Orange 17-E

Saturday, May 6

Halifax Historical Museum, Daytona Beach 40-H

Saturday, May 20

West Volusia Historical Society, DeLand 46-H
Museum of Art – DeLand 29-C

Sunday, May 21

Southeast Museum of Photography 31-C

Saturday, May 27

ECHO Ranger Graduation Picnic 64

Self-guided activities:

Art in Public Places, various locations 22-C
Colby-Alderman Park, Cassadaga 34-H
Dunlawton Sugar Mill Botanical Gardens, Port Orange 26-C
Gemini Springs Park, DeBary 48-O
Green Springs Park, Enterprise 39-H
Lake Ashby Park, New Smyrna Beach 49-O
Lake Monroe Park, DeBary 50-O
Michael Crotty Bicentennial Park, Ormond Beach 14-E
Sun Splash Park, Daytona Beach 53-O
River Breeze Park, Oak Hill 52-O
River Quest, DeLand 56-O
Spruce Creek Park, Port Orange 16-E
Make your own ECHO adventure 58-ECHO
Volusia County Public Libraries 59-ECHO

Offered every Saturday:

Gateway Center for the Arts, DeBary 27-C
DeLand Naval Air Station, DeLand 36-H
Lillian Place Heritage Center, Daytona 46-H



ECHO Rangers must complete at least two activities in this category.

Gillespie Museum of Minerals

234 E. Michigan Ave., DeLand
gillespiemuseum@stetson.edu
RSVP: Karen Cole, 386-822-7330

10 a.m. to 1 p.m. on these Saturdays:
Oct. 29, 2016 April 22, 2017



Site description: The Gillespie Museum of Minerals at Stetson University is an earth science museum in a natural setting. It houses Florida's most comprehensive mineral collection and features hands-on activities with mineral and rock identification and fossil classification. It also includes an Underground World, which includes a mining exhibit, fluorescent rock display and a replica of a small cave. The museum grounds feature a native plant landscape; an organic community garden; and the Rinker Environmental Learning Center, a green building offering open-air classroom space and additional exhibits.

Activity: Drop in during these special family days to tour the museum's mineral and rock exhibits, learn about Florida's natural habitats and native plants, and experience earth systems through a volcano exhibit.

Note: ECHO Rangers are welcome to any of our Science Saturdays; the full list of Saturday dates will be on our website by mid-August.

RSVP at least one week in advance.

Lyonia Environmental Center

2150 Eustace Ave., Deltona
www.lyoniapreserve.com
RSVP: 386-789-7207, ext. #21028

10 a.m. to noon Saturday, Feb. 11, 2017



Site description: Lyonia Environmental Center (LEC) provides visitors with a unique insight into Volusia County's fragile ecosystems. The center promotes an understanding of the county's natural environment, the heritage it sustains, and the challenges it faces. The LEC is adjacent to Lyonia Preserve, a 360-acre scrub habitat that provides a home for dozens of threatened Florida scrub jays and gopher tortoises. Visitors can walk along three nature trails and experience Florida scrub habitat in the preserve.

Activity: Take a one-mile hike in Lyonia Preserve to search for signs of wildlife such as animal homes, tracks and scat. After the hike, we'll spend a half-hour in the classroom putting those skills to work and using guides to identify different animal tracks and scat.

Notes: Participants must wear long pants and closed-toe shoes and bring water and bug spray. Siblings are welcome to visit the LEC during the program; however, they may not participate in the ECHO Ranger program unless they are registered ECHO Rangers.

RSVP at least one week in advance.



Marine Discovery Center

520 Barracuda Blvd., New Smyrna Beach
www.marinediscoverycenter.org
RSVP: Michelle West, 386-428-4828

10 to 11:30 a.m. on these Saturdays:

Sept. 10, 2016 Jan. 21, 2017

Site description: The Marine Discovery Center is a not-for-profit organization on the Indian River Lagoon. Its mission is to protect and restore Florida's coastal ecosystems through education, research and community stewardship.

Sept. 10: Marsh madness
Explore the five-acre salt marsh. This unique ecosystem is a nursery for many young fish and provides a protected habitat for them to grow without being threatened. Students will assist in pulling a seine net along the shoreline. We will discuss fish identification, food chains, animal adaptations and proper handling of marine life. Participants must wear closed-toe shoes and be prepared to get wet.

Jan. 21: Exhibit exploration
Students will explore the exhibit area and learn more about the marine life of the Indian River Lagoon. They will learn about horseshoe crabs, mollusks, hermit crabs and local sport fishing. Students will complete a hands-on scavenger hunt.

RSVP at least two weeks in advance. 10 participant min. Wear closed toes shoes and be prepared to get wet!!

Space is limited to ECHO Rangers and their accompanying adult.

Marine Science Center

100 Lighthouse Drive, Ponce Inlet
www.marinesciencecenter.com
RSVP: Shell Webster, 386-304-5529 or mscedu@volusia org

Noon to 1:30 p.m. on these Sundays:
Oct. 2, 2016 Nov. 6, 2016 Dec. 4, 2016



***Site description*:** The Volusia County Marine Science Center offers an innovative learning experience where ECHO Rangers can discover, enjoy and appreciate the many wonders of marine life. Children can get an up-close look at stingrays and other sea creatures in the touch tank.

Activity: Your environmental odyssey will include a look at sea turtle and bird rehabilitation, a tour of the environmental exhibit gallery, and time in the wet/dry lab. The Marine Science Center also has a touch tank, nature trail and gift shop.

Earn extra stamps! The Ponce Inlet Lighthouse and Museum and Lighthouse Point Park will offer ECHO Ranger activities on the same dates at different times, so you can receive three stamps in one day!

Directions: From Dunlawton Avenue in Port Orange, turn south on A1A. Drive 5.4 miles and turn right onto Ocean Way Drive. Drive 0.3 miles and turn left onto South Peninsula Drive. Drive 0.3 miles and turn left onto Lighthouse Drive.

Michael Crotty Bicentennial Park

1800 N. Oceanshore Blvd., Ormond-by-the-Sea
www.volusia.org/parks
Open sunrise to sunset

This is a self-guided family adventure.

Site description: Stretching from the Halifax River to the Atlantic Ocean, this 40-acre park is loaded with amenities. Hikers looking to get back to nature may take a walk along the park's nature trails and boardwalks. Gopher tortoises and raccoons call this scrub habitat home.

Activity: Bugs are an important part of the environment. Find at least three bugs and draw or take pictures of them in the park. Be sure to make a note of where you found them. That can be a clue to what they do in nature.

Note: Don't forget bug spray and walking shoes.

Tape pictures of your bug collection here.

Ponce Preserve

4401 S. Peninsula Drive, Ponce Inlet
RSVP: Amy Zengotita, 386-236-2163

11 a.m. to noon on these Saturdays:
Nov. 12, 2016 March 18, 2017
**In the event of inclement weather, please call to see if activity will still be offered.

Site description: Stretching from the Atlantic Ocean to the Halifax River, Ponce Preserve gives visitors a chance to see Florida as it used to be. From the beach through the maritime hammock past the Green Mound and over the marsh to the river, this 40-acre park offers nature at its best.

Activity

Walk through the trails for a self-guided tour to learn about the native plants, trees, animals, and the native people who lived here over 2,500 years ago. In place of an ECHO Ranger stamp, locate the Green Mound Live Oak and draw a picture of the tree. If you prefer, you can join us on these two guided tours:

- **November:** While walking along the nature trails, Rangers will look for native plants. We'll stop at the Green Mound, an ancient Indian midden, to talk about how the Timucuans used those plants.
- **March:** March over the marsh and learn about mangroves and marsh wildlife. We'll use dip nets and sift through mud to discover fish, shrimp and other marsh life.

Notes: Good walking shoes, water, bug spray and sun block are recommended. Siblings are welcome to visit the preserve during the program; however, only registered Rangers may participate in the activity. It is difficult to maneuver strollers along the trails in the center portion of the park. Participants are welcome to stay after and enjoy the picnic area and explore the rest of the preserve.

RSVP at least one week before each activity.

Spruce Creek Park

6250 Ridgewood Ave., Port Orange
Open sunrise to sunset

This is a self-guided family adventure.

Site description: Scenic Spruce Creek Park is on 1,637 acres in Port Orange. Its 536-foot boardwalk begins more than three miles of nature trails leading to the 15-foot observation tower and continues to Rose Bay. The tower overlooks the marsh area near Spruce Creek.

Activity: Spruce Creek Park is a great place to see lots of amazing birds in the trees and in the water. Make a photo scrapbook of the birds you see. Try to get at least three pictures of marsh and inland birds.

Directions: From I-4 eastbound, continue onto to FL-400 East. Turn right at U.S. 1 (Ridgewood Avenue) and drive six miles to the park entrance.

Attach your photo scrapbook here, or bring it with you to the graduation ceremony.

Tomoka Landfill

1990 Tomoka Farms Road, Port Orange
www.volusia.org/recycling
RSVP: Lynne Walter (lynne@volusia.org) or Julie McCrystal (jmccrystal@volusia.org), 386-943-7889

9 a.m. on these Saturdays:

Sept. 10, 2016	Jan. 14, 2017
Oct. 8, 2016	May 13, 2017



Site description: The Tomoka Landfill sits on 3,400 acres and receives 1,500 tons of garbage daily. About 200 acres of this site have been set aside for recycling. Did you know Volusia County recycles more than 30 percent of its solid waste?

Activity: Ever wonder what happens to your garbage and recycling once the trucks have collected it? Well, wonder no more! Travel in an air-conditioned van around the landfill and see all the interesting things that go on out there. You'll see the hazardous waste facility, the recycling processing plant, and the new landfill cell where garbage is buried. You'll even see Mount Trashmore, a 145-foot-tall mountain of garbage! Keep your eyes wide open for all kinds of birds and other wild animals.

Note: Limit of 10 participants including chaperones. Participants must wear closed-toe shoes. Please be on time. Because space is limited, siblings will not be able to attend. **Day-of-the-event cancellations should be made to 386-947-2952**

Directions: The landfill is on County Road 415 (1990 Tomoka Farms Road) Port Orange, 2.7 miles south of U.S. 92 (West International Speedway Boulevard).

Doris Leeper Spruce Creek Preserve

3251 N. Dixie Highway, New Smyrna Beach
RSVP: Trey Hannah, 386-736-5927

10 to 11:30 a.m. Saturday, Aug. 27, 2016

Site description: This scenic preserve is on 1,637 acres in Port Orange. Its 536-foot boardwalk begins more than three miles of nature trails leading to the 15-foot observation tower and continues to Rose Bay. The tower overlooks the marsh area near Spruce Creek.

Activity: ECHO Rangers will accompany a naturalist on a short hike through this amazing preserve. They will have an opportunity to see the vast flora and fauna of the area. At the end of the hike Rangers will get the opportunity to participate in a seine net activity. The Rangers will help guild the seine net through the shallow waters and get an up-close look at the amazing creatures of this habitat. This activity involves getting into the water; however, Rangers can watch the water portion and observe the organisms once the net is brought to shore.

Note: Numbers are limited. RSVP is required to participate in this activity. Closed-toe shoes are required to participate in the dragging of the net. Life jackets are preferred.

RSVP at least two weeks in advance. This program requires at least 10 ECHO Rangers. Wear closed-toe shoes and be prepared to get wet!



Longleaf Pine Preserve

West entrance off East New York Avenue, DeLand
RSVP: Trey Hannah, 386-736-5927

10 to 11:30 am on Saturday, Oct. 8, 2016

Site description: Longleaf Pine Preserve has more than 7,000 acres of plant communities. Explore the scrub, pine flatwoods, longleaf pine hammock, cypress domes and swamps. It is the habitat for many plant and animal species including the Florida black bear, so this is an ideal site for looking for signs of wildlife.

Activity: Take a guided eco walk through this amazing habitat. Rangers will be allowed to dip net and discuss any organisms that are found. Enjoy this one-of-a-kind adventure!

Note: Numbers are limited. RSVP is required to participate in this activity. Closed-toe shoes are recommended for the eco walk.

RSVP at least two weeks in advance. This program requires at least 10 ECHO Rangers. Wear closed-toe shoes and be prepared to get wet!

ECHO



CULTURAL

ECHO Rangers must complete at least two activities in this category.

African American Museum of the Arts

325 S. Clara Ave., DeLand
www.africanmuseumdeland.org
RSVP: Mary Allen, 386-736-4004

10:30 a.m. to noon on these Saturdays:

Oct. 8, 2016	Nov. 12, 2016
Jan. 7, 2017	Feb. 4, 2017



Site description:
This is the only museum in the area devoted primarily to African-American and Caribbean American cultures and art.

A permanent collection of more than 150 unique artifacts is on display, including sculptures and masks from African countries. The facility also houses a revolving gallery of established and emerging artists.

Activity: Imagine visiting Africa – without leaving DeLand! As you view the museum's collection, you will get a taste of a culture rich in tradition and pride. Before leaving the museum, participate in an arts-and-crafts activity about African culture. Finally, visit the Maxwell and Irene Johnson Cultural Park and the Noble "Thin Man" Watts Amphitheater.

RSVP at least one week in advance. This program requires at least four ECHO Rangers and no more than eight.

Art in Public Places

Various sites in Volusia County
www.celebratingculture.com/aipp.htm

This is a self-guided family adventure.



Program description: For each public building built or expanded by Volusia County, the county purchases and displays artwork to enrich the community. Artwork can be seen in our Ocean Center, airport, libraries and courthouses.

Activity: Visit one of Volusia County's Arts in Public Places sites for inspiration for your own piece of artwork. Create a piece of art you think represents our county. Bring your piece to the ECHO Ranger picnic and tell us which building inspired it. Each ECHO Ranger's artwork will be featured at DeBary Hall during a summer exhibit.

Locations: The Art in Public Places program is featured throughout the county. These are some suggested locations to view artwork sponsored by the county:

- Ocean Center, Daytona Beach
- Daytona Beach International Airport
- New Smyrna Beach Regional Library
- Volusia County Courthouse, DeLand
- Historic Courthouse, DeLand
- Volusia County Agricultural Center, DeLand
- Deltona Regional Library

ArtHaus Foundation

3840 Ridgewood Ave., Port Orange
www.arthaus.org
RSVP: Laurie or Yvonne, 386-767-0076

4:15 to 5:15 p.m. on these Tuesdays:

Sept. 20, 2016	Feb. 7, 2017
Nov. 15, 2016	April 11, 2017

Site description: ArtHaus is a nonprofit organization that supports and enhances visual arts education in Volusia County by offering art exhibition opportunities and art classes at ArtHaus and in nine area Boys and Girls Clubs.

Activity: ECHO Rangers will learn an art technique, create a piece of art, take part in a discussion about art, and tour the gallery.

Note: Wear clothing that's okay to get messy!

RSVP at least one week in advance.

This program requires at least four ECHO Rangers and no more than eight.

Cassadaga Spiritualist Camp

1112 Stevens St., Cassadaga
www.cassadaga.org
RSVP: Dawn Medley, 386-228-3171

10 to 11 a.m. Saturday, Oct. 1, 2016



Site description:
Established as a spiritualist community in 1894, the Cassadaga Spiritualist Camp consists of 57 acres with 55 homes. Designated a historic district on the National Register of Historic Places in 1991, the Southern Cassadaga Spiritualist Camp Meeting Association is the oldest active religious community in the Southeast.

Activity: Learn about the historic families who lived in the homes, urban legends and the unique architecture of the buildings during a walking tour. Then listen to a short story in the Eloise Garden.

Note: Please wear walking shoes.

Earn extra stamps! Colby-Alderman Park is in the camp. This is a great chance to earn two stamps in one trip! For information about Colby-Alderman Park, see page 34-H.

RSVP at least one week in advance.



DeBary Hall Cultural Bike Tour

198 Sunrise Blvd., DeBary
RSVP: Kayce Looper, 386-668-3840 or klooper@volusia.org

10 a.m. to noon on these Saturdays:
Dec. 3, 2016 Feb. 25, 2017

Site description: Enjoy a tour of DeBary Hall, the magnificently restored Victorian 1800s hunting estate of wine importer Frederick deBary, but don't stop there. Trek along the Spring-to-Spring Trail, which crosses land owned by Volusia County and the St. Johns River Water Management District, and have a picnic in the trailhead pavilion. The trail connects DeBary Hall, Gemini Springs and Lake Monroe Park.

Activity: Learn about Southwest Volusia County history on a bike ride along the trail from DeBary Hall to Gemini Springs Park and throughout the park. We will discuss cultural, historical and ecological topics at 10 stops.

Note: Bring a bicycle, helmet and plenty of water. Dress appropriately for the weather.

Dunlawton Sugar Mill Botanical Gardens

950 Old Sugar Mill Road, Port Orange
www.dunlawtonsugarmillgardens.org
Information: 386-767-1735

This is a self-guided family adventure.



Site description: This 10-acre park has a circular path that explores the site's history. During the 1700s, this area was used to produce sugar. Later, it was one of the first tourist attractions in Florida.

Activity: Walk the path of this unique site and learn about its many historic and cultural functions, including a sugar mill, site of the Second Seminole War, a confederate soldier rest area, a botanical garden, and a 1940s tourist attraction with sculpted dinosaurs. In place of the ECHO Ranger stamp, locate the prehistoric monsters with these descriptions:

Watch out: _____

Vegetarian mammal: _____

Ferocious meat-eater: _____

Note: Dunlawton Sugar Mill and Botanical Gardens is open daily from 8 a.m. to 5 p.m. However, we recommend you call 386-767-1735 to verify hours before coming. There is no fee, but donations help the park continue to operate.

Directions: From I-95, take Port Orange exit 85 and go east on Dunlawton Boulevard (Route 421) to Nova Road (Route 5A). Turn left on Nova Road, then right on Herbert Street. The road will fork to the left and becomes Old Mill Road. Follow the signs to the parking lot.

Gateway Center for the Arts

880 N. Highway 17-92, DeBary
www.gatewaycenterforthearts.org
Information: 386-668-5553

9:30 a.m. to 2 p.m. Saturdays

Site description: Gateway Center for the Arts is an educational cultural arts center. It provides classrooms, studios, a kiln room, exhibit space, lecture hall, auditorium and gift shop to promote life-long learning to people of all ages, cultural heritages and abilities.

Activity: Visit the Gateway Center for a tour through the facilities. You may even catch some artists at work!

Special activity: Youth Celebration of Arts Gallery Exhibit.
March 11, 2017
A free youth festival that showcases performing and visual arts provided by Volusia Youth along with hands on art projects at the event, booths of historical and ecological not-for-profit organization, such as Pioneer Settlement, Sanford Zoo, Lyonia Environmental Center, Marine Discovery Center, etc. Enjoy dozens of hands on art projects to take home with them, Martial Arts, cheerleading groups, doggie parades, a fleet of food trucks, and so much more to make a fantastic event for the whole family.

Note: Wear something that can be thrown away!

Museum of Arts & Sciences

352 S. Nova Road, Daytona Beach
www.moas.org
RSVP: Zack Zacharius, 386-255-0285

9 a.m. to 5 p.m. on these Saturdays:

Oct. 8, 2016	Feb. 11, 2017
Dec. 10, 2016	April 8, 2017



Site description: Diverse collections unite at the Museum of Arts & Sciences. Located in a beautiful 90-acre natural setting in Daytona Beach, it is the primary art, history and science museum of Volusia County. It also features the Charles and Linda Williams Children's Museum and Planetarium, which shows "The Night Sky" daily at 2 p.m.

Activity: Begin your visit with an interactive experience based on art, science or history. Then enjoy a self-guided tour with an ECHO Ranger Q-and-A worksheet at the front desk. You'll see vast changing and permanent exhibitions including Coca-Cola® memorabilia, railroad cars and race cars, teddy bears, 18th to 20th century furniture, paintings and sculpture, Cuban and African art, a giant ground sloth skeleton, an outdoor sculpture garden and more. When you've completed the tour at your pace, return to the main desk for your ECHO Ranger stamp.

Note: This self-guided activity takes one to one-and-a-half hours. There will be a small charge for planetarium viewing.

This is a self-guided activity. Reservations are not required.

Museum of Art – DeLand

600 N. Woodland Blvd., DeLand
www.moartdeland.org
No RSVP required

Anytime between 10 a.m. and 1 p.m. on these Saturdays:

Sept. 17, 2016	Dec. 17, 2016	March 18, 2017
Oct. 15, 2016	Jan. 21, 2017	April 15, 2017
Nov. 19, 2016	Feb. 18, 2017	May 20, 2017



Site description: Established in 1951 as the DeLand Children's Museum, the Museum of Art – DeLand has changed locations and names, but has always maintained its commitment to Experiencing the Power of Art. The museum's mission is to promote and showcase art and emerging and established artists by providing a wide range of exceptional cultural experiences, exhibitions, educational and interpretive programming made available to a diverse audience of all ages.

Activity: The Museum of Art – DeLand 's Family Fun Saturday is the perfect destination where families can spend time together enjoying outstanding art and artists, explore their creative sides, engage their imaginations, and share some great family moments. Start with a tour of the exhibitions in the museum galleries and then get creative with fun make-and-take art activities led by the museum staff.

Note: Siblings are welcome to attend. RSVP is not required.

Ormond Memorial Art Museum and Gardens

78 E. Granada Blvd., Ormond Beach
www.ormondartmuseum.org
RSVP: Susan Richmond, 386-676-3347

12:30 to 1:30 p.m. on these Saturdays:
Oct. 22, 2016 Jan. 14, 2017



Site description: This 4.5-acre natural botanical garden site was founded in 1946 as a war memorial. Tucked away in downtown Ormond Beach, this oasis has turtle ponds, waterfalls and plenty of places to play hide and seek. The museum offers changing art exhibits each month.

Activity: Tour the museum and gardens to learn about the site and the featured exhibition, then create an art project inspired by your visit.

Earn extra stamps! Ormond Memorial Art Museum and Gardens, The Casements, and the Ormond Beach Historical Society have coordinated dates and times to offer the ECHO Rangers "An Afternoon in Ormond" and a chance to earn three stamps!

Directions: From I-95, take exit 268 toward Ormond Beach. Turn east onto State Road 40 (Granada Avenue) and drive five miles. The museum and gardens will be on your right one block after you cross the Halifax River.

RSVP one week in advance.

Southeast Museum of Photography

A service of Daytona State College
1200 W. International Speedway Blvd., Daytona Beach
www.smponline.org (Click **Education** tab, then **K-12 Programs**)
RSVP: Christina Katsolis, 386-506-4569 or
katsolc@DaytonaStat.edu

1 to 3 p.m. on these Saturdays:
Feb, 13, 2017 May 21, 2017



Site description: The Southeast Museum of Photography includes an international collection and world-class exhibits of contemporary and vintage photography. The museum offers films, seminars, lectures, workshops and children's programs. A gift shop and photographic reference library is open to visitors, and a high-definition digital cinema provides for unique entertainment and educational opportunities.

Activities:

- **Feb. 13 – A Sweet Treat: Custom Photo Valentines**
  Make a custom photo treat bag and Valentine's Day cards. See website for details.
- **May 21 – Optical Illusions: Playing with Light**
  Discover the magic of traditional black and white photography by making photograms. See website for more information.

Notes: ECHO Rangers are encouraged to bring their own digital camera. Scout troops must register independently with each child accompanied by an adult. No open-toed shoes in the dark room!

Directions: The museum is just off International Speedway Boulevard, three miles east of I-95, in building 1200 of the main Daytona State College campus.

RSVP at least three days in advance.



ECHO Rangers must complete at least two activities in this category.



The Casements

25 Riverside Drive, Ormond Beach
www.casements.net
RSVP: Siobhan Daly, 386-676-3216

11 a.m. to noon on these Saturdays:
Oct. 22, 2016 Jan. 14, 2017

Site description: Once the winter playground of John D. Rockefeller, The Casements is now a cultural and historical landmark. Don't miss your chance to tour the home that once hosted the likes of Thomas Edison, Henry Ford and Harvey Firestone.

Activity: Tour the former home of John D. Rockefeller and learn about his life in Ormond Beach. Complete a craft project photo frame.

Earn extra stamps! Ormond Memorial Art Museum and Gardens, The Casements and the Ormond Beach Historical Society have coordinated dates and times to offer ECHO Rangers "An Afternoon in Ormond" and a chance to earn three stamps!

RSVP at least one week in advance.

Colby-Alderman Park

1099 Massachusetts St., Cassadaga
www.volusia.org/parks

This is a self-guided family adventure.

Site description: Colby-Alderman Park is a 146-acre public park with trails, views of sandhill lakes, and links to a special religious community. It's named for medium and lecturer George P. Colby, who settled here in the 1870s and helped to create the Southern Cassadaga Spiritualist Camp.

Activity: Walk along the paths and read the historic interpretive panels to learn about the history of the Colby-Alderman site. To complete your ECHO Ranger mission, answer these questions from the panels:

Who was the father of the Cassadaga Spiritualist Camp?

_____

How many acres does Colby-Alderman Park cover?

_____

What do gopher tortoises live in?

_____

How do scientists classify Lake Colby?

_____



DeBary Hall Historic Site

210 Sunrise Blvd., DeBary
www.debaryhall.com
RSVP: Kayce Looper, 386-668-3840 or klooper@volusia.org

1 to 2 p.m. on these Saturdays:
Oct. 15, 2016 Jan. 28, 2017 April 1, 2017

Site description: Built in 1871 by champagne importer Frederick deBary, this huge estate offered guests hospitality and fun on the Florida frontier. Today, it's open to the public and is listed on the National Register of Historic Sites.

Activity: Experience a virtual tour on the St. Johns River aboard Frederick deBary's steamboat, *The City of Jacksonville*. Fun and laughter are only part of this scavenger hunt tour through an 1871 Victorian estate! View the many gadgets and gizmos that made life in the 1800s easier and compare them to things we use today.

Note: Pack a picnic lunch and enjoy it on the grounds of Gemini Springs or DeBary Hall!

Directions: From I-4, take exit 108 toward DeBary/Deltona. Drive 1.4 miles and turn right on County Road 4162 (Dirksen Drive). Drive 1.1 miles and turn right on Clara Vista Street. Drive 0.3 miles and turn right onto Sunrise Boulevard.

RSVP at least one week in advance.



DeLand Naval Air Station Museum

910 Biscayne Blvd., DeLand
www.delandnavalairstation.org
RSVP: 386-738-4149

Noon to 4 p.m. Saturdays

Site description: The DeLand Naval Air Station was a training base for dive-bomber pilots during World War II. The museum building is on the National Register of Historic Places. It's filled with artifacts and memorabilia, models of vintage planes, and vintage photographs from WWII and other military conflicts. An F-14 Tomcat jet fighter is on display, along with a WWII torpedo bomber that is being restored. Check out the PTF3- PT Boat! This 80-foot, 70-ton Viet Nam patrol boat is a living tribute to the veterans who lived and died serving our country.

Activity: Step back into history as you view a short video from the 1940s. Participate in arts-and-crafts activities and tour the museum. View memorabilia from the DeLand Naval Air Station (1942 to 1946), past wars and conflicts. Visit the hangar and see a M.A.S.H. helicopter from the Korean conflict.

RSVP at least one week in advance.



Florida Public Archaeology Network

Location: DeBary Hall Historic Site, 198 Sunrise Blvd., DeBary
RSVP: Kayce Looper, 386-668-3840

1 p.m. at DeBary Hall Historic Site
March 11, 2017

Site description: The Florida Public Archaeology Network's mission is to promote and facilitate the conservation, study and public understanding of Florida's archaeological heritage through regional centers. The Northeast Center oversees Volusia County and conducts archaeology outreach to schools, groups and museums.

Activity descriptions: Archaeologists from the Florida Public Archaeology Network will visit DeBary Hall to teach an exciting activity dealing with archeology in history. Specifics will come out in your ECHO Extra.

Note: Water, sunscreen and comfortable shoes are suggested.

Fountain of Youth

DeLeon Springs State Park
601 Ponce DeLeon Blvd., DeLeon Springs
www.foytours.net
RSVP: Capt. Wiltse, 386-837-5537

9:45 to 10:30 a.m. on these Saturdays:
Jan. 21, 2017 Feb. 18, 2017 March 25, 2017



Site description: Native Americans used these springs 6,000 years ago. In the early 1800s, settlers built sugar and cotton plantations that were sacked by Indians during the second Seminole War. By the 1880s, the springs had become a winter resort and tourists were promised "a fountain of youth impregnated with a deliciously healthy combination of soda and sulphur."

Activity: The Eco/History Tour Boat at DeLeon Springs State Park is an amazing, educational and fun experience. The tour and takes you back thousands of years. Birds, flowers, trees, plants, alligators and Native American history abound. Learn how 20 million gallons of water a day comes up from DeLeon Springs. Before or after your tour, enjoy a dip in the 72-degree spring and have pancakes or lunch at the Old Spanish Sugar Mill Restaurant, open 9 a.m. to 5 p.m. weekdays and 8 a.m. to 5 p.m. weekends.

Note: ECHO Rangers must bring their badge and Passport and will receive a free boat tour with a paying adult.
** This site requires park admission of $6 per car.

RSVP at least one week in advance.

Green Springs Park

994 Lakeshore Drive, Enterprise
www.volusia.org/parks

This is a self-guided family adventure.

Site description: Green Springs Park encompasses 36 acres of nature with one of Florida's few green sulfur springs. Green Spring has been an important landmark through-out the history of Volusia County from the time of early Native American settlements to the steamboat era when Enterprise was the final destination on the St. Johns River. Native Americans, including the Mayaca and Seminoles, considered the land sacred because they thought the sulfur water in the springs was healing. Today, visitors can enjoy paved and natural trails, scenic overlooks, a playground and picnic pavilions.

Activity: Walk along the paths and read the historic interpretive panels to learn about the Green Springs area. To complete your ECHO Ranger mission, answer the following questions from the panels:

How deep is Green Spring?

What is the name of the 3-D pictures that helped to bring tourists to Florida?

How big was the shell midden before it was destroyed?

Halifax Historical Museum

Halifax Historical Society
252 S. Beach St., Daytona Beach
www.halifaxhistorical.org
RSVP: Fayn LeVeille, 386-255-6976

10 a.m. on these Saturdays:

Sept. 24, 2016	March 4, 2017
Nov. 4, 2016	May 6, 2017



Site description: The museum presents the history of the Halifax area with artifacts from early plantations and pioneer families, an extensive photographic and postcard collection, and beach auto racing memorabilia. It also features a research facility and a video theater showing videos of the history of the area. The museum walls display hand-painted murals of early Florida history and are highlighted by beaux arts styling of stained-glass windows and lighting. The museum takes about an hour to an hour and a half to tour. Museum hours are 10 a.m. to 4 p.m. Tuesday through Saturday.

Activity: Kids can try to open and close the original vault door and ring the original bell from the first train to come into Daytona Beach in the 1880s. There are many interactive things to do.

RSVP at least two weeks before this activity.

Special note: The best parking is in the large parking lot on Palmetto Avenue between Magnolia and Orange avenues.

New Smyrna Museum of History

120 Sams Ave., New Smyrna Beach
www.nsbhistory.org
RSVP: Robert Redd, 386-478-0052

11 a.m. on the following Saturdays:

Sept. 24, 2016	Feb. 11, 2017
Oct. 22, 2016	March 25, 2017
Nov. 19, 2016	April 22, 2017

Site description: The museum is on the site of the first school in the New Smyrna Beach area. The building that currently houses the museum was originally built as a post office and has also served as home to the Utilities Commission. The hardwood floors are original to the building. After sitting vacant for several years, Southeast Volusia Historical Society opened the museum in 2004.

Activity: We'll visit the museum and the Turnbull settlement exhibit, at one time the largest British settlement in the United States. You'll see a timeline of the history of New Smyrna Beach from prehistory through 11 distinct periods of local history. There are also three videos available and other interactive exhibits for children to examine. While this is a self-guided tour, volunteers are on hand to answer questions. A tour guide can be arranged for larger groups and upon special request.

Special notes: Rangers and their families can visit Emory L. Bennett Park across the street and see a monument dedicated in his honor. PFC Bennett was awarded the Medal of Honor for his actions during the Korean War. Rangers can see Old Fort Park one block north. It's a great place for a picnic. Please call the museum in advance. We will attempt to add extra activities to the ECHO Rangers program, and these may have specific start times. We don't want the children to miss anything!

RSVP at least one week in advance.

Ormond Beach Historical Society

Anderson-Price Memorial Building
42 N Beach St., Ormond Beach
www.ormondhistory.org
RSVP: Suzanne Heddy, 386-677-7005

1:45 to 3 p.m. Saturday, Oct. 22, 2016

Site description: The Anderson-Price Memorial Building, built in 1916, is the home of the Ormond Beach Historical Society and on the National Register of Historic Places. The building features a period-furnished parlor and glass cases of archival memorabilia. A large seating area, 20-foot stage and 8-foot movie screen are available for presentations.

Activity: Your step into the past begins with a short history program and a viewing of the museum collections. We will take a short walk near the Pilgrim's Rest Primitive Baptist Church (1877), Ormond Beach Yacht Club (1910) and Ormond Beach Union Church (1888) to view the original church bell display. Afterward, Rangers will watch a historical film show and receive historical pictures and handouts of local people and sites to remember Ormond Beach.

Notes: Wear weather-appropriate clothing. Cameras are allowed.

Directions and parking: If you're coming from the Ormond Memorial Art Museum and Gardens, turn left onto Granada Boulevard and cross the bridge. Take your first right onto North Beach Street; the Anderson-Price Memorial Building will be on your left at 42 N. Beach St.

If you're coming from I-95, take Ormond Beach exit 268, drive east five miles to Beach Street and turn left.

Parking is available at Bailey Riverbridge Park or in the parking lot behind the Anderson-Price Memorial Building.

Ponce Inlet Historical Museum

143 Beach St., Ponce Inlet
RSVP: Amy Zengotita, 386-236-2163

10 a.m. to 4 p.m. on these Saturdays:

Sept. 17, 2016	Dec. 10, 2016	March 18, 2017
Nov. 12, 2016	Feb. 11, 2016	April 8, 2017



Site description: Take a step back in time at the Ponce Inlet Historical Museum! Ponce Inlet has a long and interesting history that dates back to the early 1800s. Discover how the pioneering families lived, what they did, and who they were. The museum consists of two historic buildings – the Hasty Cottage and the Meyer-Davis House. The Hasty Cottage was built in 1922 as a duplex fishing cottage. It was later owned by the last civilian lighthouse keeper, Edward L. Meyer.

Activity: Enjoy a self-guided tour with an ECHO Ranger question-and-answer worksheet at the volunteer desk. When you've completed the tour, return the worksheet for your ECHO Ranger stamp.

Note: Due to the small size of the museum buildings, participation is limited to 10 ECHO Rangers at each program.

Earn two stamps! Visit Ponce Preserve at 11 a.m.

Reservations are required!

Ponce Inlet Lighthouse and Museum

4931 S. Peninsula Drive, Ponce Inlet
www.ponceinlet.org
RSVP: Mary Wentzel, 386-761-1821, ext. 18

1:30 to 2:30 p.m. on these Sundays:
Oct. 2, 2016 Nov. 6, 2016 Dec. 4, 2016



Site description: The Ponce Inlet Light Station was built in 1887 and has eight original restored buildings, including the lighthouse tower, three separate keeper's houses and out-buildings, and an oil storage building. In addition, there is a Lens Museum Building, boat yard, nature trail and gift shop.

Activity: Echo Rangers and their families will learn about living at the lighthouse over 100 years ago. Discover the types of chores boys and girls would have had to do as a member of a lighthouse family in 1887.

Note: No flip flops, wear sneakers for the climb up the tower. No back packs, drinks or food on the lighthouse grounds. For safety, the lighthouse tower will be closed during thunderstorms. However, all other activities will continue.

RSVP at least one week in advance.

Space is limited to 15.

West Volusia Historical Society

137 W. Michigan Ave., DeLand
www.delandhouse.com
RSVP: Larry French 386-740-6813

1:30 to 3:30 p.m. on these Saturdays:

Sept. 17, 2016: Producing “naval stores” was an early business in Volusia County. These turpentine products were obtained by “cat-facing” pine trees. Learn what “cat-facing” was and why it was done. Make your own “cat-faced” demonstration to take home.

Nov. 12, 2016: Celebrate Veterans Day by learning about a critical contribution a local business made to World War II! Hear about Boat Works on Lake Beresford, from expert Dan Friend. Create your own tug! **Note:** This is an off-site program; meet on the second floor of DeLand Memorial Hospital Museum, 230 N. Stone St., DeLand. Call 386-736-2903 for more information about the site.

Feb. 18, 2017: Learn how blacks and whites joined forces in one of the largest brush factories of the mid-20th century. Listen to Sally Neider, a retired worker, recount amazing stories about creating brushes from native palm fibers. Practice your brush making skills!

May 20, 2017: Travel to DeLeon Springs and take a tour of Select Growers, a foliage company. Learn some history and cut some ferns to take home. **Note:** This is an off-site program with an early start time; meet at 10:30 a.m. at Select Growers, 4391 County Road 11, DeLeon Springs. Call 386-734-8883 for more information about the site. Bring a hat and wear closed-toe shoes and sunscreen.

RSVP at least one week before each activity.



Lilian Place Heritage Center

111 Siver Beach Ave., Daytona Beach
www.heritageprervationtrust.org
RSVP: Dr. Nancy Long, 386-256-4810

This site is open from 1 to 5 p.m. every day but Tuesday.

Site description: This 2.3-acre riverfront historic site features the 1884 Lilan Place Victorian Musuem, the old Carriage House, and a 1905 Queen Anne Victorian House that is now a cultural event site. Built on Indian shell mounds, these sites afford a beautiful view of the Halifax River as well as a 132-year-old walkway that was the original boat stop and pathway from the river. This old path is now marked with educational markers.

Activity: Enjoy a tour designed especially for the ECHO Rangers. Rangers will receive handouts.

Note: Stephen Crane, author of “The Red Badge of Courage,” made Lillian Place famous in his story, “The Open Boat,” when he described how his boat sank and he made it to shore. He was taken in at Lillian Place!



ECHO OUTDOORS

ECHO Rangers must complete at least two activities in this category.



Gemini Springs Park

37 Dirksen Drive, DeBary
www.volusia.org/parks

This is a self-guided family adventure.

Site description: Gemini Springs Park has two lively springs that generate approximately 2 million gallons of fresh water each day! Since the 1800s, farming operations on this 210-acre parcel have included growing timber, citrus and sugar cane; raising cattle; and tapping longleaf pine trees for turpentine.

Activity: Gemini Springs offers wonderful glimpses into nature. Grab your camera and shoot your best nature photograph! Try to capture the native landscape or a wildlife picture of the local animals. Attach your picture to this page to count as your stamp.

Directions: Gemini Springs Park is on Dirksen Drive in DeBary. From South 17-92, turn onto Dirksen and right into the park entrance.

Lake Ashby Park

4160 Boy Scout Camp Road, New Smyrna Beach
www.volusia.org/parks

This is a self-guided family adventure.



Site description: Lake Ashby was named for Major James A. Ashby, who helped lead the American military forces during the second Seminole War. This relaxing park offers a winding boardwalk through beautiful cypress trees and a hammock that is ideal for bird watching. Picnic pavilions, camping and horseshoes are available. As you walk the trails, you will notice large scars in the trees called “cat faces”; these are from turpentine harvesting in the early 20th century.

Activity: Hike through Lake Ashby Park and see large cypress trees and cat faces on the pine trees. Take a picture in front of one of the cat faces on the trees and make your own animal face. Attach it to this page in place of an ECHO stamp.

Directions: From Taylor Road in Port Orange, turn south on County Road 415 (Tomoka Farms Road). Drive 4.3 miles and turn left onto Lake Ashby Road. Drive 0.8 miles and turn left onto Boy Scout Camp Road.

Attach your picture here



Lake Monroe Park

975 U.S. 17-92, DeBary
www.volusia.org/parks
Open sunrise to sunset

This is a self-guided family adventure.

Site description: Overlooking the St. Johns River as it flows into the waters of Lake Monroe, Lake Monroe Park and campground offer a spectacular view of nature in its most pristine form. Accessible by two boat ramps, the scenic river offers a wealth of recreational opportunities for the outdoor enthusiast including volleyball courts, camping facilities, playgrounds, open spaces and fishing piers.

Activity: Go on an alligator hunt. This park is an excellent spot to see alligators safely from the boardwalk area. List the number of alligators you see and take a picture with the large concrete gator in the park as your stamp.

#_____ of alligators present on _____

Directions: Lake Monroe Park is in DeBary, south on 17-92 before the Sanford bridge.



Lighthouse Point Park

5000 S. Atlantic Ave., Ponce Inlet
mscedu@volusia.org
RSVP: Shell Webster, 386-304-5529

Mornings on these Sundays:
Oct. 2, 2016 Nov. 6, 2016 Dec.4, 2016

Site description: Lighthouse Point Park is at the southern tip of Ponce Inlet. The natural beauty of the undisturbed land has been preserved for all to enjoy. Dolphins frequent the shoreline, gopher tortoises can be found in sandy areas, and other wildlife can be observed. Several ecosystems exist in the 52-acre park.

Activity: Go directly to the park and show the toll attendants your pass. Let them know you are with ECHO Rangers and would like a scavenger hunt.

Earn extra stamps! The Ponce Inlet Lighthouse and Museum and the Marine Science Center will offer activities on a few Sundays at different times, so you can receive three stamps in one day! Bring a lunch if you plan to do all three, so that you can be at the Marine Science Center by noon.



River Breeze Park

250 H.H. Birch Road, Oak Hill
www.volusia.org/parks
Open 24 hours

This is a self-guided family adventure.

Site description: Once the site of a Native American village, River Breeze Park overlooks the Indian River and has access to the Mosquito Lagoon. At one time, the land was a thriving citrus grove, producing some of the best citrus products in the world. Today, you can enjoy the natural wonders at this beautiful park.

Activity: River Breeze is the only Volusia County park open 24 hours a day, making it an excellent location to star-gaze. Choose an upcoming meteor shower with your family and go out for a night of counting the "shooting stars." As your stamp, write down the number of meteors you and your family saw.

2016/2017 meteor showers:

Perseids: Aug. 11	Orionids: Oct. 21
Leonids: Nov. 16	Geminids: Dec. 13
Quadrantids: Jan. 3	Lyrids: April 21

Number of meteors: _____

Sun Splash Park

611 S. Atlantic Ave., Daytona Beach
Open sunrise to sunset

This is a self-guided family adventure.



Site description: Beachgoers can sun, splash and beat the heat at Volusia County's Sun Splash Park. Amenities include an interactive water fountain, decorative walkways, a shaded playground, picnic areas, restrooms, outdoor showers, two beach access ramps and a "cool zone" sponsored by Coca-Cola.

Activity: Plan a family beach day and enjoy Sun Splash Park. One of the most fun activities to do at the beach is to build a sand castle. See how tall you can make your castle and take a picture of it.

Directions: This beachfront park is on the corner of South Atlantic Avenue and Revilo Boulevard in Daytona Beach.

Attach a photo of your sandcastle here.

Tomoka State Park

2099 N. Beach St., Ormond Beach
RSVP: Aggie Armstrong, 386-676-4050 (Ranger Station)

9 a.m. to 3 p.m. on these Saturdays:

Oct. 8, 2016	Nov. 12, 2016	Dec. 10, 2016
Jan. 14, 2017	Feb. 11, 2017	March 11, 2017
April 8, 2017	May 13, 2017	



Site description: In 1605, Alvero Mexia explored the coast from Ormond Beach to St. Augustine. He led his men up a heavily forested peninsula separating the Halifax and Tomoka rivers, where he discovered the Timucuan Indian Village of Nocoroco.

Activity: Explore various living history programs held from 9 a.m. to 3 p.m. outside the recreation hall (based on available volunteers). You can speak with historians to learn more about these time periods, witness unique crafting skills and experience the beautiful natural environments. A self-guided scavenger hunt is available at the ranger station to help you explore the half-mile nature trail through a hardwood hammock that was once an indigo field for 18th century British landowner Richard Oswald. Lastly, pick up a Junior Ranger kit at the entrance and explore the park through six cool activities, and you'll receive your official Junior Ranger ID card and certificate when you complete your packet. NEW – We have two Junior Ranger Explorer backpacks available with really cool activities (water testing, microscopes and more!) inside. Ask for it at the ranger station (sign-out required), explore and enjoy, and return it to the ranger station; it could take several hours to complete.

Note: Show your ECHO Ranger badge at the entrance to get directions to the program site(s). Activities may change depending on the historic characters available each day.

RSVP at least two weeks before this activity.
There are 25 slots per program.



West Volusia Audubon

Location: Lake Woodruff National Wildlife Refuge
2045 Mudlake Road, DeLeon Springs
RSVP: Cyndy Barrow, 386-736-6519
Messages are on a business voicemail and will not say "Audubon," but are received by Cyndy.

TBA

Site description: Lake Woodruff National Wildlife Refuge is an established migratory bird refuge. The park offers opportunities to fish, hike and view many animals in their natural habitat.

Activity: Hike through the dikes and learn about birds and wildlife at the Lake Woodruff Wildlife Refuge. There are more than 215 species of birds. Can we spot them all?

Note: Wear your walking shoes! This tour is weather-dependent.

RSVP at least two weeks before this activity.



West Volusia Tourism Bureau

www.visitwestvolusia.com

This is a self-guided family adventure.



Program description: River Quest is a series of treasure hunts throughout West Volusia County, known as the River of Lakes Heritage Corridor. The quests combine rhyming riddles with maps and GPS coordinates to explore locations including historic sites, cemeteries, wetlands, and villages. Quests are on-foot adventures that teach the cultural, historical and natural history of the region.

Activity: Visit the West Volusia Tourism Bureau website and choose one of the three quests in our area to complete. Each quest ends with a treasure box, called a cache, with a stamp. Use the stamp in the cache as your ECHO Ranger stamp for this activity.

Directions: Visit www.visitwestvolusia.com, click on "What to do" and scroll to "Free things to do." Look for "River Quest Treasure Hunts." Choose your adventure and print out your clues.



ECHO Extras

Earn multiple stamps in one day!

Parents, don't miss out on great opportunities to let your ECHO Ranger earn multiple stamps in one day. Listed below are sites that are close to each other and offer programs on the same day.

Oct. 22, 2016 Jan. 14, 2017
The Casements, Ormond Memorial Art Museum and Ormond Beach Historical Society* have joined to offer three amazing programs conveniently timed and located. Michael Crotty Bicentennial Park, which offers a self-guided tour, is also nearby.
****Ormond Beach Historical Society is not available on the Jan. date***

Nov. 12, 2016 March 18, 2017
Ponce Inlet Museum has a new program and has paired with our newest site, Ponce Preserve. They're close to each other and have fantastic programs!

Oct. 2, 2016 Nov. 6, 2016 Dec. 4, 2016
Lighthouse Point Park, Marine Science Center and the Ponce Inlet Lighthouse have joined forces to give you back-to-back-to-back great programs – all within walking distance!

There also are multiple self-guided sites close to each other.

SELF-GUIDED FAMILY ADVENTURES

ECHO Rangers are encouraged to continuously explore their environment, culture, heritage and outdoors; however, only one outside adventure will count toward a bonus stamp. Self-guided ECHO Adventures may include fees. In addition to the adventures listed on previous pages, you can earn stamps for these activities.

Make your own ECHO adventure!

Site description: Find an ECHO activity in Volusia County to receive a bonus stamp! Tape or paste a memento from your self-guided adventure to this page, such as a program from a play, a ticket stub from a concert, a postcard from a local park, or a receipt from a camp site.

***Activities*:** You can find great ideas in the newspaper or online.

Check out:
www.echotourism.com
www.riveroflakesheritagecorridor.com

Attach a memento of your self-guided family adventure here.

Volusia County Public Libraries

www.volusialibrary.org

This is a self-guided family adventure.

Earn a stamp by checking out materials!

Site descriptions*:* Volusia County has 13 public libraries. Library cards are free to all residents and are valid in all branches.

Activities: Experience the **E**cology, **C**ulture, **H**eritage or **O**utdoors through the wonders of the printed word, video or CD. Visit the library and check materials (book, video or CD) from each ECHO category to take home and enjoy. Ask the librarian to initial your guidebook; this will serve as your official ECHO Ranger stamp. Don't forget your library card! If you don't have one, this is the perfect opportunity to start a great habit of visiting the library.

Write the title and author's name of the book, video or CD you check out:

Ecological book, video or CD: _____

Author: _____

Cultural book, video or CD: _____

Author: _____

History book, video or CD: _____

Author: _____

Outdoors book, video or CD: _____

Author: _____

NOTES:

NOTES:



Lyonia Environmental Center
Early release programs

2150 Eustace Ave., Deltona
www.lyoniapreserve.com
RSVP: 386-789-7207, ext. #21028

2:30 to 4 p.m. Wednesday, Nov. 2, 2016
All about owls
Activity: Learn about owl species commonly seen in Volusia County and how to identify them by sight and by their calls. Participate in a hands-on lab to learn about basic owl anatomy, feather design, diet and their role in nature's food chain while examining an owl pellet. This program is limited to 20 participants.

2:30 to 4 p.m. Sunday, March 12, 2017
Snakes of Florida
Activity: Learn about the common venomous and non-venomous snakes found in Florida, their beneficial role in nature, and how we can live in harmony with them. Witness a live feeding of the LEC's educational snakes followed by a short nature walk in Lyonia Preserve to learn about their preferred habitat and diet in the wild.

Notes: Participants must wear long pants and closed-toe shoes and bring water and bug spray. Siblings are welcome to visit the LEC during the program; however, they may not participate in the ECHO Ranger program unless they are registered ECHO Rangers.

RSVP at least one week in advance.

DeBary Hall Historic Site
Early release programs

210 Sunrise Blvd., DeBary
www.debaryhall.com
RSVP: Kayce Looper, 386-668-3840 or klooper@volusia.org



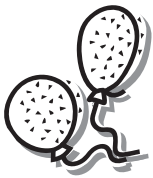
2:30 to 4 p.m. Oct. 12, 2016
Come join the staff at DeBary Hall for an after-school bike ride. Learn about southwest Volusia County history as well as cultural and ecological topics as we bike to Gemini Springs Park and back. This activity requires a bike and helmet.

2:30 to 4 p.m. Jan. 18, 2017
Travel through time with a family-friendly scavenger hunt. The deBarys owned the hall for nearly 70 years. Learn new facts about all of our buildings and grounds as you follow the clues. After the hunt, there will be an art project in honor of our time as the Florida Federation of the Arts. Experience nearly 100 years in a single afternoon.

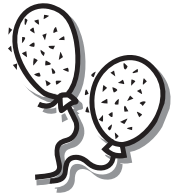
2:30 to 4 p.m. April 5, 2017
What did kids do for fun before TV and video games? Come experience a wide array of Victorian games, from indoor parlor games to outdoor games where you run and play. We have some updated versions of old games you may not have realized came from long ago. Don't miss the fun!

RSVP at least one week in advance. Accurate numbers are important to ensure we have enough equipment for all.

GRADUATION PICNIC



May 27, 2017
11 a.m. to 2 p.m.



After a year of adventures, it's time to party!

Join us at DeBary Hall Historic Site
for a day of karaoke, water slides,
bounce houses, food and fun!

Bring your completed ECHO Ranger
"Passport to Adventure" guidebook
to be a part of the graduation
ceremony and win prizes!