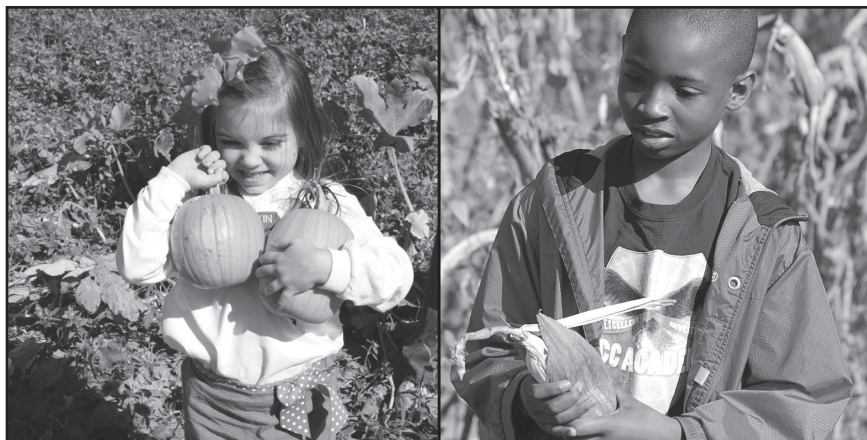


School Programs: A Teachers Guide



LANDMARK PARK • DOTHAN, ALABAMA
334-794-3452 • WWW.LANDMARKPARK.COM



SCHOOL YEAR 2014-2015



BEYOND THE CLASSROOM

Landmark Park is a unique 135-acre outdoor classroom where you and your students can experience the rich natural and cultural heritage of the Wiregrass Region. Our Outdoor Learning Labs and Seasonal Sessions have been designed to provide students with valuable hands-on activities to compliment their classroom studies. Each Outdoor Learning Lab and Seasonal Session uses the different resources of Landmark Park, providing a wonderful variety of areas to explore. From our turn-of-the-century farmstead to our outdoor wildlife exhibits, from the planetarium to the boardwalk, the park offers an exciting array of learning opportunities that cannot be duplicated in the classroom.

About Your Visit Two picnic areas are available on the park grounds for groups who choose to picnic. And don't forget to visit The Barnyard, a 15,000 sq. ft. custom designed playground built with a barnyard theme.

Shopping Opportunities Souvenirs of your visit can be purchased in the Shelley General Store or Interpretive Center Gift Shop. Among the many educational-oriented items offered are magnifying glasses, rocks and minerals, star charts and 19th century wooden toys. Merchandise is available in a wide range of prices. Also, treats such as ice cream, shakes, floats, and drinks are available from the old-fashioned soda fountain located in the Martin Drugstore. *See p. 14-15*

Homeschool Groups Homeschool groups are encouraged to visit Landmark Park. The student fees are the same. Attending parent pays half of student fee. In order to ensure that the child receiving the program gets the full educational benefit, we ask that you not bring children that will not be participating in the program. Reservations cannot be accepted from individual families. All reservations must be made through the homeschool group coordinator.

State Standards Visit our website for a list of Alabama, Florida and Georgia state standards for our Seasonal Sessions, Digitarium Planetarium programs and Outdoor Learning Labs.

For Classroom Use Our Teacher Resource Center is currently under development at Landmark Park. Discovery Boxes on a variety of subjects are available for loan for classroom use. *See p. 9*

SCHEDULING YOUR PROGRAM

Reservations are accepted beginning in the month of August for the upcoming school year. Due to their popularity, teachers are encouraged to make their reservations as soon as possible. Reservations can be made by calling the park office (334-794-3452) Monday through Friday from 9 a.m. to 5 p.m. or email Education Director Dana Peters at dpeters@landmarkpark.com. If you have a special request or would like for our staff to emphasize a particular subject during your program, please call the park office a few weeks in advance so we may better serve you.

The teachers, aides and one chaperone per 10 students will be FREE. Additional chaperones pay student fee. Chaperones should not bring their own children with them if their children are younger than the group they are accompanying. Homeschools must register through the group coordinator. Please note there is a \$40 minimum fee for all programs. A nonrefundable \$40 deposit is due two weeks prior to program date. School groups are encouraged to use the park as an outdoor classroom on their own with a Self Guided Program. These programs can be scheduled by calling the park office.

Outdoor Learning Labs \$5 per student.

Tuesday - Friday, 9:30 a.m.- 11 a.m. OR 11:30 a.m.- 1 p.m.
(60 student limit, call for details on scheduling a larger group.) *See p. 4-5*

Digitarium Planetarium Program \$5 per student; \$6 per student for combo

Tuesday-Friday, 9:30 a.m., 10:15 a.m., 11:30 a.m., or 12:15 p.m.
(45 student limit. Call if you have a larger group) *See p. 6-7*

Outdoor Learning Lab and Digitarium Planetarium \$6 per student

Tuesday-Friday, 9:30 a.m.-11 a.m. OR 11:30 a.m.-1 p.m.

Seasonal Sessions Prices vary.

Scheduled on specific dates. Times will vary. *See p. 10-13*

Traveling Programs \$2 per student, plus \$.48 per mile round trip

Tuesday-Friday, 1 p.m.-3 p.m. *See p. 8*

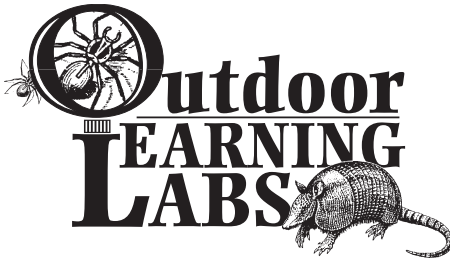
Self Guided Programs \$3 per student

Park hours Mon.-Fri. 9 a.m.-5 p.m.

NEW! Mini Sessions an extra \$2 per student

Tuesday- Friday 11:30-1:00

These 45 minute sessions must be booked in conjunction with a regular learning lab program. Most of our learning labs and planetarium programs can be taught in a mini session.

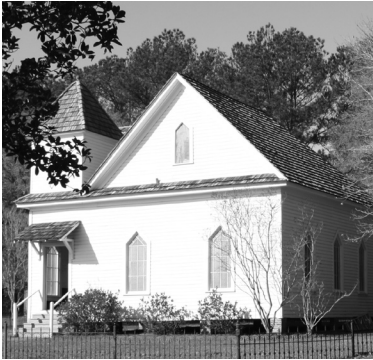


Outdoor LEARNING LABS

Offered August - May,
Tuesday - Friday,
9:30 a.m. - 11 a.m.
or 11:30 a.m. - 1 p.m.
\$5

Grade levels are suggested,
but most programs can be altered.

A Day On The Town Square* Students will step back in time with a visit to our crossroads community. The day will be spent exploring the Browns Crossings one room school, Headland Presbyterian Church and other businesses of the 1900s.



Students will participate in a lesson in the school, including recitations, a spelling bee and games. They will also experience the daily sights and sounds of yesterday in the Shelley General Store, Martin Drugstore, and blacksmith shop. *Suggested Grade Level: K5-8th*

Incredible Insects In this program, students will be introduced to the identifying characteristics of insects. Stereoscopes will be used (3rd grade and up) to take a closer look at these incredible animals, plus we will have an insect scavenger hunt around the boardwalk to observe insects in their natural habitat. *Suggested Grade Level: K5-6th*

Radical Reptiles Discover the importance of such animals as snakes and alligators in this popular program. The distinguishing characteristics of reptiles will be investigated in detail. Many items relating to reptiles will be examined along with the opportunity to touch a live snake and turtle. *Suggested Grade Level: 2nd-12th*

Orienteering 101 Students will be introduced to the compass and learn how to use it in the great outdoors. Participants will then go outside for an orienteering course. Limited to 30 students. *Suggested Grade Level: 5th-12th*

Valuable Vertebrates Animals with backbones are the focus of this program. Students

will learn the characteristics separating mammals, birds, reptiles, amphibians and fish. Activities in our classroom will be reinforced with a vertebrate search on the boardwalk. *Suggested Grade Level: 2nd-12th*

Wetlands Designed specifically for middle and high school students, this program will offer a unique learning experience perfect for adventurous groups willing to roll up their sleeves and get a little wet and muddy. Activities will help students understand how streams and ponds form, what habitats they contain, how freshwater organisms adapt, and how factors such as pH affect these environments. They then will apply what they've learned by exploring an actual nearby freshwater habitat. Due to the special nature of this lab, space is limited to 20 students per session. *Suggested Grade Level: 6th-12th*



What's Wild? What's Not? During this program, students will have an opportunity to see farm animals up close and explore their benefits and characteristics of domestication. Then, we move on to the WILD side of the animal kingdom. We will go into the classroom to learn the interesting habits of beavers and finish the program by "building" a beaver using student participation. *Suggested Grade Level: 3P-2nd*

Where in the World Are We? This program will use handheld GPS units to help students better understand latitude and longitude, as well as the cardinal points. Students will learn the basic skills needed to search for clues located throughout the park using only a few clues and a GPS unit. Due to the hands-on nature of this program, classes are limited to 30 students. *Suggested Grade Level: 7th-12th*



Wiregrass Farmstead* With a visit to our Wiregrass Farmstead, students will acquire a greater understanding of the lifestyle of rural farm families at the turn of the century. Students will learn about many aspects of farm life, including household chores, food preparation and recreation. *Suggested Grade Level: K5-8th.*



Endangered Species of the Southeast

The southeastern states are some of the most biologically diverse states in the nation. Unfortunately many of our plants and animals are either threatened or endangered and several are close to possible extinction. Your class will spend time exploring why certain plant and animal numbers are decreasing and what role we can play to stop more from disappearing forever. Students will meet Indie, our federally protected eastern indigo snake and also learn about other animals such as the alligator snapping turtle, gopher tortoise and black bear. A portion of this program will also be spent on the boardwalk exploring native and non-native plant populations. Suggested grade level: 3rd-12th

Shorter programs available for younger groups.



**Historic buildings may not meet modern day accessibility standards.
If you have special needs, please notify the Education Department.*

Digitarium PLANETARIUM

Our Digitarium projector is a state-of-the-art digital projection system that simulates the night sky from any point on earth and includes sunsets, meteor showers, displays of orbits of the sun, moon and other celestial objects as well as many other features, including the latest NASA photographs from the Hubble telescope. Teachers, aides and one chaperone per 10 students receive free admission. Extra chaperones pay student fee. Homeschools must register through the group coordinator. Planetarium programs are not recommended for children under the age of 5. During the month of January, enjoy shows for half price. Planetarium Capacity: 45. Call for details on scheduling a larger group.

SEASONAL STARS AND STORIES Our traditional planetarium program is fresh and exciting with our Digitarium projector. Your students will discover the stars, constellations and planets visible in the current night sky as well as the related mythology associated with the constellations. *Cost: \$5 per student. Program Length: 45 minutes. Suggested Grade Level: 1st-12th*

MOONS OF THE SOLAR SYSTEM Let your students experience the moon in a whole new way as our education staff introduces them to the wonder of Earth's natural satellite. Students will learn about the phases of the moon and discover other moons found throughout our solar system. We will also take a step back in history to see video and hear audio clips from the Apollo 11 Mission. The historic 1969 mission was the first to successfully land humans on the moon. *Cost: \$5 per student. Program Length: 45 minutes. Suggested Grade Level: 3rd-8th*

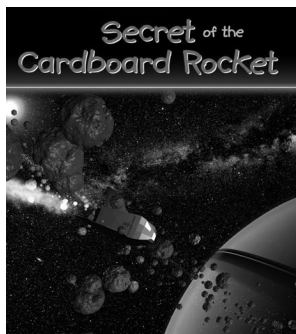
COMBINED PLANETARIUM PROGRAM One staff led program plus one of our full dome videos. *Cost: \$6 per student. Program Length: 90 minutes.*

DIGITARIUM PLANETARIUM SPECIAL

January 2015

Half price Planetarium shows available
during the month of January.

Full Dome Videos



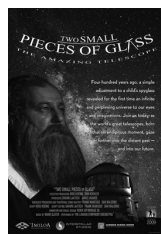
THE SECRET OF THE CARDBOARD ROCKET

Embark on an outstanding adventure as two children spend a night touring the solar system alongside their ship's navigator, an astronomy book. Produced with modern 3-D digital animation and a 5.1 soundtrack with spectacular effects created at George Lucas' Skywalker Ranch. Students will visit the planets in

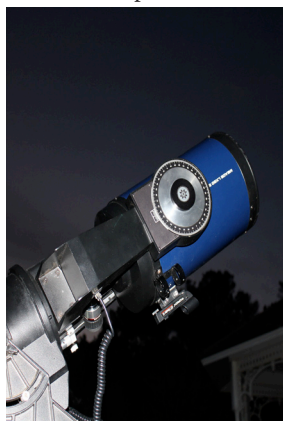
our solar system learning interesting facts about each one. *Cost: \$5 per student. Program Length: 45 minutes. Suggested Grade Level: K5-6th*

TWO SMALL PIECES OF GLASS

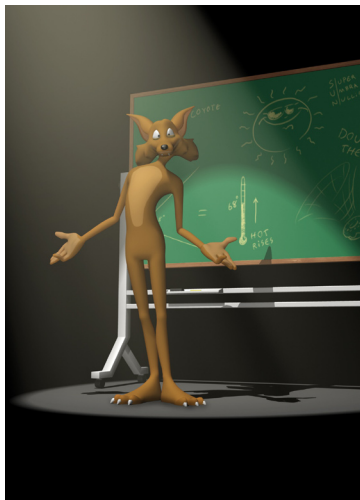
While attending a local star party, two students learn how the telescope has helped us understand our place in space and how telescopes continue to expand our understanding of the Universe. Their conversation with



a local astronomer enlightens them on the history of the telescope and the discoveries these wonderful tools have made. The students see how telescopes work and how the largest observatories in the world use these instruments to explore the mysteries of the universe. *Cost: \$5 per student. Program Length: 45minutes. suggested Grade Level: 6th-12th*



Full Dome Videos



EARTH, MOON & SUN

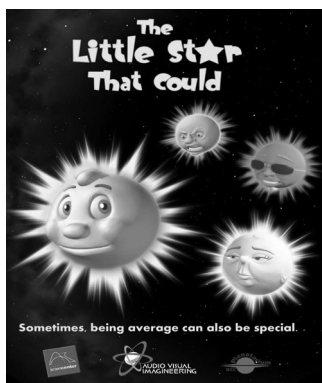
Coyote has a razor-sharp wit, but he's a little confused about what he sees in the sky.

Join this amusing character (adapted from American Indian oral traditions) in a fast-paced and fun full dome show that explores lunar phases, eclipses and other puzzles.

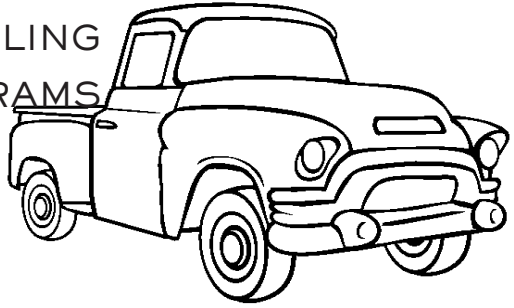
Engaging and immersive, Earth, Moon & Sun also examines how humans learn through space exploration. *Cost: \$5 per student. Program Length: 30 minutes. Suggested Grade Level: 2nd-6th*

THE LITTLE STAR THAT COULD

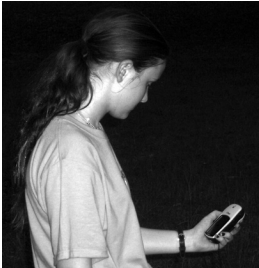
Little Star is an average yellow star in search for planets of his own to protect and warm. Along the way, he meets other stars, learns what makes each star special, and discovers that stars combine to form star clusters and galaxies. Eventually, Little Star finds his planets. Each planet is introduced to your audiences with basic information about our Solar System. *Cost: \$5 per student. Program Length: 45 minutes. Suggested Grade Level: K5-6th*



TRAVELING PROGRAMS



Can't make it out to the park? Let us bring a program to you! Cost per program is \$2 per student with a minimum of 20 students plus round trip mileage (\$.48 per mile). Reservations can be made Tuesday through Friday between 1 p.m. and 3 p.m.



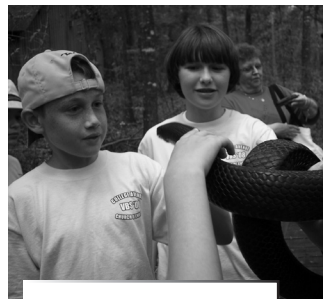
GPS Navigation Landmark Park is excited to announce 15 new Garmin GPS hand-held units. These units can be used to supplement lessons on latitude and longitude as well as map reading skills. *Suggested Grade Level: 6th-12th*

Incredible Insects Students will be introduced to the identifying characteristics of insects with several hands-on specimens available. We will be taking a closer look at the honeybee including the honeybee's life cycle and communication. Your class will also discover why this amazing insect is so valuable to us.

One Room Schoolhouse Step back in time to see what school was like for children of the early 1900s. Students will participate in an old time lesson, including recitations, a spelling bee and games. We will introduce students to slate boards, the McGuffey Readers, as well as some old-fashioned games. Spelling words for spelling bee supplied by registering teacher. This program is limited to a maximum of 30 students.

Orienteering 101 Your students will be introduced to the compass and how to use it with this traveling program. An outside space large enough for a short orienteering course is required. Program is limited to 30 students. *Suggested Grade Level: 6th-12th*

Roaming Reptiles The Eastern Indigo snake, the largest snake native to North America, is the star of this show. With his help we will emphasize reptile characteristics as well as why this beautiful creature has become a threatened species. Students will also be introduced to several turtle species and learn the major differences between alligators and crocodiles.



DISCOVERY BOXES

Discovery Boxes are a free educational resource offered to local schools and groups, designed to give students more hands-on opportunities. Each discovery box is packed full of interesting, hard-to-get items that can further stimulate learning in a classroom setting. Boxes are available on a first-come, first-serve basis and must be picked up in person. Boxes can be checked out for up to two weeks, and there is a refundable \$20 damage deposit. We're sorry, we cannot reserve a box over the phone.



Animal Signs An assortment of items that give clues as to what kinds of animals might reside in an area. Examples include bones, tracks, feathers, nests and egg shells.

Birds Books, videos and items including feathers, nests, bones and owl pellets.

Endangered Species Items dealing with endangered species. Examples include numerous items confiscated by Conservation Officers like turtle skin boots, ivory carvings and elephant hair bracelets.

Insects Books, videos, and items about the world of insects, including a hornets' nest, insect eggs, a moth's cocoon and an insect collection.

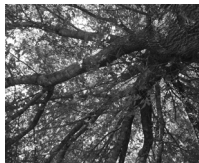
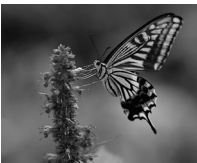
Historical Turn-of-the-Century Life Look back in time with a box full of items (mostly reproductions) from the turn-of-the-century, including children's toys, clothing, candle sticks and washboards.

Mammals Books, videos and items including skulls, pelts, tracks.

Native Americans Two boxes of books and other items portraying the lives of Native Americans including pottery reproductions, clay gorgets and beads and stone tools.

Reptiles Reptile related books, videos and items such as turtle shells, snake egg shell, alligator cast and snake skins.

Trees Items, books and videos about trees. Examples include tree rings, leaves and assortments of fruit and nuts for tree identification.



LMP 2014-2015

LMP 2012-13 11

SEASONAL SESSIONS



The Life and Work of the Honeybee • September 23, 2014

With the help of the Alabama Cooperative Extension System, we are offering your students a fascinating look into the world of the honeybee. Through three different learning stations we will explore honeybee communication and life cycle, honey production and harvesting, pollination and the hive environment. This program will provide the opportunity to watch a beekeeper work a real hive of bees and taste the freshly gathered honey. Cost:

\$6 per student; teachers/aides FREE; one chaperone per 10 students FREE. Extra chaperones pay student fee. Homeschools must register through the group coordinator. Program Length: 3 hours (9 a.m.-noon) *Suggested Grade Level: 2nd-12th*

Harvest Heydays* •

October 8, 9, 10, 15, 16, 17, 2014

Your class will enjoy an educational program full of fall harvest fun. This event centers around a visit to the pumpkin patch where each child will take home their very own pumpkin. As always we will have many other fall-related activities such as corn pulling and cotton picking. The Kernels of Fun area is a huge box filled with corn that will give your students the opportunity to enjoy corn in an all new way. Cost: \$7 per student; teachers/aides FREE; one chaperone per 10 students FREE. Extra chaperones pay student fee.



Homeschools must register through the group coordinator. Program Length: 4 hours (9 a.m.-1 p.m.) *Suggested Grade Level: 3P-8th.*

SEASONAL SESSIONS

Cane Grinding Day* •

October 24, 2014

This day is designed for school children to have the opportunity to step back in time and experience farm life in the early 1900s. Along with many hands-on activities, your class will follow the complete process of syrup-making from chopping sugar cane in the field to syrup sopping in the kitchen. Activities such as quilting, blacksmithing, butter churning and other traditional skills will be demonstrated.

Cost: \$7 per student; teachers/aides FREE; one chaperone per 10 students FREE. Extra chaperones pay student fee. Homeschools must register through the group coordinator. Program Length: 4 hours (9 a.m.-1 p.m.) *Suggested Grade Level: 3P-8th.*



Fall Living History Week* •

November 12, 13, 14, 18, 19, 20, 2014



Give your students the experience of living and working on a Wiregrass Farmstead in the early 1900s. From hearth cooking, gardening and sewing, to wood splitting, fire building and animal care, the students will get the opportunity to visit the time period of their great-grandparents. Costumed in period dress, students will be divided into small groups in order to participate in the different workstations. This half-day program will conclude with lunch in the Waddell house prepared by the students, traditional games played in the yard, a wagon ride and an ice cream cone served from the Martin

Drugstore. Due to the hands-on nature of this program, classes are limited to a maximum of 30 students and a minimum of 20. The fee is \$12 per student. Teachers are free. No chaperones required. Homeschools must register through the group coordinator. Program Length: 4 hours (9 a.m.-1 p.m.) *Suggested Grade Level: 3rd-8th*

SEASONAL SESSIONS



Christmas Past* •

December 2-19, 2014

Thinking of Christmas the way your grandparents described it to you? Your students can experience some of the same activities and emotions of this very special season with cider sipping and storytelling by the fireplace. The children will also be invited to play parlor games and construct old-fashioned ornaments they may take home. Due to the special nature of this program, groups will be limited

to two classes per session. Cost: \$6 per student; teachers/aides FREE; one chaperone per 10 students FREE. Extra chaperones pay student fee. Homeschools must register through the group coordinator. Program Length: 1-1/2 hours (9:30 a.m.-11 a.m. and 11:30 a.m.-1 p.m.) *Suggested Grade Level: 3P-6th* Larger groups call for details.

Winter Living History Week* •

February 10, 11, 12, 17, 18, 19, 2015

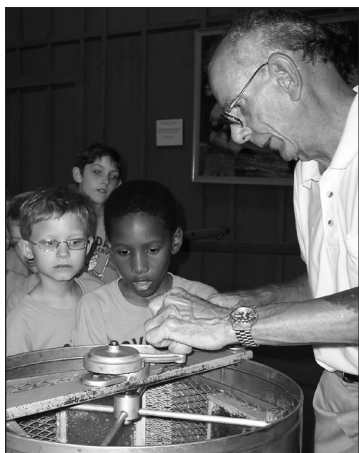
Give your students the experience of living and working on a Wiregrass Farmstead in the early 1900s. From hearth cooking, gardening and sewing, to wood gathering and animal care, the students will get the opportunity to visit the time period of their great grand-parents. Costumed in period dress, students will be divided into small groups in order to participate in the different workstations. This half-day program will conclude with lunch in the Waddell house prepared by the students, traditional games played in the yard, a wagon ride and a special traditional winter dessert. Due to the hands-on nature of this program, classes are limited to a maximum of 30 students and a minimum of 20 students. The fee is \$12 per student. Teachers are free. No chaperones required. Homeschools must register through the group coordinator. Program Length: 4 hours (9 a.m.-1 p.m.) *Suggested Grade Level: 3rd-8th*



SEASONAL SESSIONS

Rural Heritage Day* • March 20, 2015

On this day the Wiregrass Farmstead will come to life with craftsmen and demonstrators. Your class will get a glimpse into the day-to-day life of a turn-of-the-century Wiregrass family. Students will witness and participate in sheep shearing, weaving, spinning and planting with mules and more. Cost: \$7 per student; teachers/aides FREE; one chaperone per 10 students FREE. Extra chaperones pay student fee. Homeschools must register through the group coordinator. Program Length: 4 hours (9 a.m.-1 p.m.) *Suggested Grade Level: 3P-12th*



The Life & Work of the Honeybee • May 5, 2015

With the help of the Alabama Cooperative Extension System, we are offering your students a fascinating look into the world of the honeybee. Through three different learning stations we will explore honeybee communication and life cycle, honey production and harvesting, pollination and the hive environment. This program will provide the opportunity to watch a beekeeper work a real hive of bees and taste the freshly gathered honey. Cost: \$6 per student; teachers/aides FREE; one chaperone per 10 students FREE. Extra chaperones pay student fee. Homeschools must register through the group coordinator. Program Length: 3 hours (9 a.m.-noon) *Suggested Grade Level: 2nd-12th*

Space is limited, so make sure to register soon!

Call 334-794-3452 or e-mail

Dana Peters at dpeters@landmarkpark.com

SHOPPING OPPORTUNITIES



No field trip is complete without a souvenir! Enjoy a visit to the Shelley General Store and Interpretive Center Gift Shop. Cash, check and Visa/Mastercard are accepted.

INTERPRETIVE CENTER GIFT SHOP

The Interpretive Center Gift Shop carries educational toys and books geared to science, nature, geology, aerospace and astronomy. Also available are books written by Dothan Landmarks Foundation, Inc. and honey extracted from the hives at Landmark Park. The Gift Shop is open Mon.-Fri. from 9 a.m. to 5 p.m.

SHELLEY GENERAL STORE

The Shelley General Store carries bottled drinks, old fashioned cookbooks, plus wooden toys, marbles, tops and tin signs and more. Open Mon-Fri. from 9:30 a.m.-1:30 p.m.

MARTIN DRUGSTORE

In the Martin Drugstore at Landmark Park, you will find a variety of toiletry items for both men and women, including handmade soaps, old-fashioned boar bristle shaving brushes with ceramic shaving mugs, and more. Plus candy, ice cream and treats from the old fashioned soda fountain. Open Wed.-Fri. from 10 a.m.-4 p.m. The Martin Drugstore is usually closed on Mondays and Tuesdays, but can be opened if a time is scheduled in advance.

Ice Cream Flavors

Chocolate, Strawberry, Vanilla, Butter Pecan, Sugar Free Vanilla

Single Cup or Cone \$1.50

Double Cup or Cone \$2.50

Bottled Water \$1

Fountain Drinks (Coke, Diet Coke, Sprite, Root Beer)

Small \$1

Large \$1.50

Fountain Drink with Flavor Added (Cherry, Chocolate, Strawberry, Vanilla)

Small \$1.25

Large \$1.75

Shakes and Malts \$3.75

Sundaes \$3

Floats \$2



Advance orders
are welcome!

Order three days in
advance and receive
single scoops for
\$1 each.



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