



# Field Trips and School Visits

## Cabarrus County Active Living & Parks

Cabarrus County Parks are a great place to bring your class! If you can't come to us, we will come to you! All our programs are hands-on minds-on and meet North Carolina Essential Standards. Our activities inspire curiosity in your young scientists and will spark their desire to learn more about the natural world.



***“The visuals and hands-on activities brought learning to life for our students.”***

**R. Brown McAllister Elementary School Teacher**

***“The experiments were highly engaging and memorable.”***

**Weddington Hills Elementary School Teacher**

***“The program totally reinforced the curriculum we taught and the kids had so much fun! “***

**Bethel Elementary School Teacher**

### HOW TO REGISTER

Please fill out a field trip application and return it via email or direct mail to:

**Cabarrus County Active Living & Parks**

Address: 12900 Bethel School Road Midland, NC 28107 E-mail: [seunger@cabarruscounty.us](mailto:seunger@cabarruscounty.us)

Please contact Shannon Unger at 704-920-2727 or [seunger@cabarruscounty.us](mailto:seunger@cabarruscounty.us) with any questions.

Programs held at a school location are 30 minute and are \$2 per student.

Programs held at a park are 2-2.5 hours and includes shelter rental for lunch after sessions.

New Options Available! See back for more information! These visits will include 3-4 sessions depending on group size. The fee is \$3 per student (mini-golf is an add. \$1 per student). Adults are free.

**Cabarrus County Schools qualify for the Jr. Ranger Program that consists of**

**2 classroom visits and 1 park field trip for only \$4/student! (add. \$1 for mini-golf per student)**

Cabarrus County Active Living and Parks welcomes children and adults that need special accommodations. Please let us know how we can best accommodate your group.



Field Trip & Classroom Visit Application  
 Cabarrus County Active Living and Parks Department  
 Address: 12900 Bethel School Road Midland, NC 28107  
 E-mail: seunger@cabarruscounty.us Phone: 704-920-2727

Contact: \_\_\_\_\_ Address: \_\_\_\_\_

School/Org: \_\_\_\_\_ Grade: \_\_\_\_\_ # of Classes \_\_\_\_\_ # of Children: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Email Address: \_\_\_\_\_

**Park Field Trip Request:** Location (Circle 1): Frank Liske Park OR Rob Wallace Park OR Camp TN Spencer Park

Date: 1<sup>st</sup> Choice: \_\_\_\_\_ 2<sup>nd</sup> Choice: \_\_\_\_\_ Time of Arrival/Departure: \_\_\_\_\_ — \_\_\_\_\_

**New Field Trip Options This Year!** More Choices to fit the needs of you and your students!  
 Groups of 120 or less will choose 3 stations (1 from each category). Groups of 121 to 160 will choose 4 stations (2 from Category 3). If your group is larger than 160, please contact me. The first 2 rotations will be park staff-led and the 3rd—4th rotations are teacher-led.

- Category 1: Science Session of Choice (See following pages for choices)
- Category 2 (Choose 1): Team-building, Nature Hike, Field Study, Nature Games
- Category 3 (Choose 1-2): Nature Scavenger Hunt, Playground, Mini-Golf (add. \$1, depending on availability)

Category 1 Park Staff-Led Science Session	Category 2 Additional Park Staff-Led Session	Category 3 Teacher-Led Session

**Classroom Program Request 1:** \_\_\_\_\_

Date: 1<sup>st</sup> Choice: \_\_\_\_\_ 2<sup>nd</sup> Choice: \_\_\_\_\_ Time Available for Visit: \_\_\_\_\_ — \_\_\_\_\_

**Classroom Program Request 2:** \_\_\_\_\_

Date: 1<sup>st</sup> Choice: \_\_\_\_\_ 2<sup>nd</sup> Choice: \_\_\_\_\_ Time Available for Visit: \_\_\_\_\_ — \_\_\_\_\_

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 Additional Classroom Program (In place of field trip or in addition to the Jr. Ranger Program)

**Classroom Program Request 3:** \_\_\_\_\_

Date: 1<sup>st</sup> Choice: \_\_\_\_\_ 2<sup>nd</sup> Choice: \_\_\_\_\_ Time Available for Visit: \_\_\_\_\_ — \_\_\_\_\_



# Program Descriptions

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## Pre-Kindergarten—Kindergarten

**Animal Detectives** ( APL-1, APL-2, K.L.1) Young detectives will use observation and inference to track different animals using clues along the trail or within the classroom followed by a meet-and-greet with some animal ambassadors!

**Backyard Buddies** (APL-1, APL-2, K.L.1, K.P.2) Young scientists will compare and contrast living and non-living things and explore the interdependence of all life. Students will be fully engaged as they interact with some ambassador animals that can be found in their own backyard!

**Its in the Details...**(APL-1, APL-2, K.L.1, K.P.2): Come along with Slimy and Shelly on a walk through the woods as they find a mysterious object. Use the clues in the story to sort items and figure out what these critters have found. Then meet the real Slimy and Shelly (A turtle and frog)!

**Jr. Earth Protectors** (APL-1, APL-2, K.L.1): Calling all Earth Protectors! Come join us as we explore animal habitats as we learn how to protect nature. Young students will have a ball making "seed balls" to help create habitat for birds and butterflies in their own yard or school.

**Our Amazing Bodies** (APL-1, APL-2, K.L.1): Young students will have a blast learning about their bodies and comparing themselves to other animals! This program is full of stories, movement, touching animal artifacts and meet-and-greets with live animals.

**Sense-sational** (APL-1, APL-2, K.P.2): Young scientists will investigate how their senses help them understand the world around them. They will test their own senses in a series of challenges...from mystery bags and smelly bottles to a series of sounds and optical illusions.

**Wacky Weather** (APL-1, APL-2, K.E.1): Students will have a ball investigating weather...from the everyday to the wacky! We will wrap up the program making something we see too little of - snow, that each student gets to take home!

## 1st –2nd Grade

**Creek Stompers** (1.L.1, 1.L.2, 2.L.1) There is nothing better than a good ole' creeks stomp to discover nature at its finest...from catching crayfish to salamanders, this trip will be unforgettable!\*

**FBI** (Fungi, Bacteria, and Insects) (1.L.1, 1.L.2, 2.L.1) Going on a bug hunt has never been so much fun! Students will go hiking, digging, and log rolling to look for some of our unsung heroes, the decomposers! These little critters can be even be brought to your classroom for an in-class program as well.

**It's Not Easy Being Green!** (1.L.1, 2.L.1): Through stories, activities, and crafts, students will learn that it is not always easy to be green. The program will start with the classification of plant parts and a pollination investigation followed by making and taking home their own seed balls necklaces.

**May the Force Be With You** (1.P.1, 2.G.1): Students will have a blast as they investigate different types of energy. Students will go on "road trips" across North Carolina simply using magnets and create basic circuits.

**The Moon is Made of Swiss Cheese!** (1.E.1, 1.P.1, 2.E.1): Students will have fun on a moon expedition! From modeling moon phases with cookies (yum!) to making their own moon complete with craters, astronaut footprints and an American Flag, students are sure to have an out-of-this-world experience!

**We Dig it!** (1.E.2, 1.L.1, 2.G.2): We will go on an underground adventure as students interact with different types of soils and learn about the tools of a soil scientist. This program has a delicious ending as students create edible soil profiles to learn how the earth changes the deeper you go. We dig it!

**Whether you Like it or Not!** ( 1.E.1, 2.E.1, 2.P.2) Young meteorologists will learn about the tools of the trade and that the sun is the "star" of the weather show. Students will go through the scientific method by creating a cloud and making it rain. We will wrap of the program by making a bracelet that will serve as a daily reminder that the sun runs this show!

**Around We Go** (1.L.2, 2.L.1, 2.L.2): Come join us on a life cycle journey as students explore different life cycles. We will get to meet-and-greet some critters and explore how their life cycles vary and finish up by making slimy frog egg masses to take home!

**Help! I'm Sublimating!** (1.E.1, 2.P.2): Come along as we investigate states of matter and phase changes. We will even have some fun with dry ice and bubble hats. You want to know what bubble hats are, don't you?

\*While accommodations may be made for a school visit, these programs are recommended for Cabarrus County Parks.



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## 3rd – 4th Grade

**Healthy Waters** (3.E.2, 3.L.2, 4.L.1): Students will gain a better appreciation for the importance of clean water in the natural community. We will explore the creek and see what we can learn about its inhabitants, stream health, and human disturbance.\*

**Healthy Habitats** (3.L.2, 4.L.1): Students will explore the importance of healthy, diverse habitats for native wildlife. Using tools, including nets, shake cloths, bug jars, magnifiers, ID guides and more, students will investigate insects, plants, and other life found here.\*

**Grossology** (3.L.1, 3.P.2, 4.L.2) This is one of my favorites! The body is so gross and so cool all at the same time. Discover the importance of skin, bile, eructation, flatulence, and more with these unforgettable hands-on experiments.

**Dazzling Diversity** (3.L.1, 4.L.1) Explore our own body systems and those of other creatures to get a better understanding of form and function as major factors for survival. Students will investigate biofacts of different animals, compare skeletal differences and meet some of our resident ambassador animals.

**A Solar System in your Pocket** (3.E.1, 3.E.2.2, 4.E.1 ): How big is our solar system? Students will have a blast using creative models of register tape and clay to get a good grasp on just how amazing, huge and diverse our solar system really is starting from our moon to the gas giants.

**Cannons and ‘Copters** (3.P.1, 3.P.3, 4.P.1, 4.P.3) Investigating energy and force has never been so much fun! Students will build marshmallow cannons and build a circuit that flies a helicopter through use of electricity and magnets!

**Fantastic Flight** (3.P.1, 4.L.1) Hasn't everyone wanted to fly at some point? Students will be enthralled learning just how birds fly and will experiment with flight designs to “save” their clothespin buddy from our wind tunnel.

**From Sea to Shining Sea** (3.L.2, 4.E.2): Students will have a hands-on exploration of a variety of landforms by building them with clay on a map of the U.S. We will finish up with a little volcanic eruption of Mt. Hood!

**Fossil Fun** (4.E.2, 4.P.2): Calling all budding anthropologists! Students will investigate and enjoy creating and eating a delicious rock cycle . Then we dive into fossils by classifying a variety of real fossils and matching them with the unique animals and plants that created them.

## 5th Grade

**Stream Scientists** (5.L.2): Here we get our hands dirty! Students will investigate how living things depend on each other for survival in the micro-habitat of one of our little creeks.\*

**Land-Lovers** (5.L.2): Students will investigate different habitats at our parks by searching for the producers, consumers, and decomposers that keep it running! We can bring these critters to your classroom too.

**Turtle Hurdles** (5.L.2): Being a turtle isn't easy and students will find out the challenges a turtle endures by playing Turtle Hurdles! From predators and fishing to trash and pollution, it isn't easy being green! This program can be done at a park or a school as long as an outdoor space or cafeteria/gym are available.

**The Sky’s the Limit** (5.P.1.) We will investigate force and motion by way of paper airplanes. Students will make predictions, test their hypotheses, and make conclusions about what design best defies gravity!

**The Incredible Journey** (5.P.2, 5.E.1): Everyone has their own journey, but what about a little drop of water? The most incredible! Come experience it for yourself and take home a lovely reminder - a water cycle bracelet.

**The Leg Bone is Connected to the...**(5.L.1) Let’s take a look inside, at our own bones and guts that is! We will compare our own body systems to that of other living creatures. Students will investigate real animal biofacts and get to meet some of our non-human neighbors.

**M&M Monsters...NEW!** (5.L.3): Students will be fully engaged investigating their own inheritable traits from dimples to tasting PTC paper, followed by the use of candy mimicking alleles to create their very own monster baby!

*\*While accommodations may be made for a school visit, these programs are recommended for Cabarrus County Parks.*

*Teachers - If there a science or nature topic that you would like us to present and you cannot find it here or it is under a different grade, just let us know. We will work with you and your students to accommodate your needs and get the students excited about science and nature!*