

ENERGY & SUSTAINABILITY FIELD TRIP DIRECTORY

ORGANIZATION	ADDRESS	CONTACT	WEBSITE	BRIEF DESCRIPTION	COST	REGISTRATION
ABUNDANCE NC	192 LORAX LANE, PITTSBORO, NC 27312	(919) 533-5181	Abundance NC	A tour usually consists of an introduction to the sustainable businesses of the Eco-Industrial Plant, a brief tour of a biodiesel plant, a brief tour of a small scale organic farm, and free time to walk the Pittsboro Farm & Forest Trail. Content can be tailored by tour guides and instructors to suit the grade level as well as classroom curriculum. Additional workshops are available seasonally for a fee. Examples include a honeybee workshop, harvesting your own lunch, and making biofuel.	About \$5/student Funds available	CLICK HERE
BLUE JAY CENTER FOR ENVIRONMENTAL EDUCATION	3200 PLEASANT UNION CHURCH RD RALEIGH 27614	(919) 870-4330	Blue Jay Center	Blue Jay Point offers site-specific educational programs in piedmont natural history and the natural sciences, including current environmental issues and environmental ethics. Four options are provided: General Group Visit, Discovery Box, Group Program, Overnight Lodge	Non-guided programs: FREE Guided programs: \$25	USE PROVIDED NUMBER
BROOKS COMPOSTING	YOUR CLASSROOM	(919) 837-5914	Brooks Composting	Brooks Composting is the main composting facility in the Triangle. The founder, Amy Brooks, will travel to your classroom to teach students about composting. Amy also provides short videos on her website and a longer 20-min video on vimeo that teachers can show to their students.	FREE	USE PROVIDED NUMBER OR E-MAIL amy@brookscontractor.com
CAROLINA SOLAR ENERGY	OLD US HWY 501 & CROWN BLVD FLAT RIVER, NC 27583	(919) 682-6822	Carolina Solar Energy	Visit one of Carolina Solar Energy's solar farms for a 30-min tour. Students will get to see 4-acres of solar panels and learn about one of the fastest growing renewable energy sources. The solar farm is located in Person county, just south of Roxboro. Tours are offered year-round to all ages.	FREE	USE PROVIDED NUMBER
CAROLINA TIGER RESCUE	1940 HANKS CHAPEL RD, PITTSBORO, NC 27312	(919) 542-4684	Carolina Tiger Rescue	All tours are walking and are guided by a trained volunteer. Your guide will introduce you to tigers and other exotic species of carnivores from as close as 5 feet. You will learn Carolina Tiger Rescue's history, species information, and the story for each animal. The tour will last approximately an hour and a half to two hours.	\$160 min. for 20 people \$8 per additional person	USE PROVIDED NUMBER
CENTENNIAL CAMPUS CENTER FOR WILDLIFE EDUCATION	1751 VARSITY DR, RALEIGH, NC 27606	(919) 707-0201	Centennial Campus Center for Wildlife Education	Sustainable building design, rain gardens and a wetland. Hands-on activities allow visitors to practice technology skills in the field and learn how wildlife scientists collect data. Program options: insects, wetlands, piedmont habitats, living downstream, stream investigation, managing wildlife, wildlife technology. Grades 3-12	FREE unless otherwise listed	USE PROVIDED NUMBER
CHESTNUT RIDGE CAMP & RETREAT CENTER	4300 CAMP CHESTNUT RIDGE RD EFLAND, NC 27243	(919) 304-2178	Camp Chestnut Ridge	A year-round Environmental Education Center nestled on 362 beautiful acres with hardwood forest, 10 acre lake, organic garden, and facilities. Chestnut Ridge offers a selection of informative, interactive and experientially-based programs to supplement and complement your instructional objectives. Each	Prices Per Person: Half-day: \$10 Full-day: \$16 1-2 Overnights: \$55-110	CLICK HERE

program has been assembled with attention to the North Carolina Standard Course of Study (NCSCS).

DUKE LEMUR CENTER	3705 ERWIN RD, DURHAM, NC 27705	(919) 401-7240	Duke Lemur Center - LEMURS LIVE!	LEMURS LIVE! - Learn about the similarities and differences between lemur species and what makes lemurs some of the most fascinating animals in the world. Visitors will typically observe about 10 different species of lemurs. The content of the tour is designed for ages 7 and up, however all ages are welcome to participate.	Group Rate for 45+: \$8 per person	USE PROVIDED NUMBER
DUKE LEMUR CENTER	3706 ERWIN RD, DURHAM, NC 27705	(919) 401-7241	Duke Lemur Center - LEMUR LEARNING LABS	LEMUR LEARNING LABS - Pair these learning labs with a tour of the Duke Lemur Center for a well-rounded science experience that provides students with "hands-on, minds-on" activities and lab inquiries grounded in the North Carolina State Curriculum Standards. Grades K-8. Allows group sizes of 12-30.	\$13 per person	USE PROVIDED NUMBER
DURANT NATURE PRESERVE	8305 CAMP DURANT RD, RALEIGH, NC 27614	(919) 870-2871	Durant Nature Preserve	Travel on five miles of hiking trails to scenic overlooks, along two lakes, through woodland wildflowers and fern gardens, and along a stream with unique rock features. Visit the Bird, Butterfly and Sensory Gardens. Consider registering for one of our nature programs. 2-weeks notice for hiking visits; 6-weeks notice for special programming	Hiking: FREE Special Program: \$50	USE PROVIDED NUMBER
DURHAM COUNTY SOLID WASTE MANAGEMENT	2115 E CLUB BLVD, DURHAM, NC 27704	Patricia.Fossum @durhamnc.gov (919) 560-4186 ext. 32255	Durham County Solid Waste Management	Our tour shows guests the Transfer Station and how it operates, how we process recyclables to be sent to Sonoco, a tour of our closed landfill and how we capture methane gas for electricity, and our convenience center (where we recycle tires, batteries, electronics, household hazardous waste, etc). Tour group must fit in one vehicle and have enough space for Patricia and an additional staff member to guide the tour inside their vehicle.	FREE	USE PROVIDED NUMBER OR E-MAIL
ELLERBE CREEK WATERSHED	VARIES CONTACT FOR SPECIFIC LOCATION	(919) 698-9729 americorps@ ellerbecreek.org	Ellerbe Creek	3 PROGRAMS (Grades K-5): WATER: Familiarize students with how water moves through their community. Students will be able to get outside, enjoy hands on exploration of the water cycle (natural and urban) ECOSYSTEM: Activities will help students identify where different animals live and why, including building a bait box on school grounds or at a local park to capture animals tracks and identify animals. MAPPING: See maps from a local place and visit the site to do a fun and hands on mapping activity where they practice using maps, making maps, and working together with their newfound skills.	FREE ONLY for schools listed in Ellerbe Creek Watershed: E.K. Powe Club Boulevard Watts Montessori Y.E. Smith Eastway Merrick-Moore	USE PROVIDED E-MAIL
ENO RIVER STATE PARK	6101 COLE MILL RD, DURHAM, NC 22705	(919) 383-1686	Eno River State Park	Hikes and seasonal program details can be found on the websites. To arrange a special exploration of Eno River State Park for your group or class, contact the park office.	FREE	USE PROVIDED NUMBER
FALLS LAKE STATE RECREATION AREA	13304 CREEDMOOR RD, WAKE FOREST, NC 27587	(919) 676-1027	Falls Lake	Bring your students to Falls Lake or have a ranger visit your classroom to learn about beavers, owls, tree identification, dangerous plants, water safety, or other aquatic lessons. Registration is required one month in advance by form submitted through e-mail or mail. Programs last 30-90 minutes upon request. Ages younger than 11 should be noted on the registration	FREE	USE PROVIDED NUMBER TO OBTAIN FORM

form.

HISTORIC YATES MILL COUNTY PARK	4620 LAKE WHEELER RD, RALEIGH, NC 27603	(919) 856-6675	Yates Mill	Historic Yates Mill County Park provides a wide variety of programs designed to enrich children's learning and classroom experiences. All of our educational programs are designed to be compatible with the NC Standard Course of Study. Trained docents and education staff lead groups through the historic site and park. All programs and tours feature inquiry-based learning, a variety of interactive group activities and tours, and hands-on experiences that both enchant and educate.	SELF-GUIDED: FREE TOURS: \$32 - \$100 DISCOVERY LABS: \$7.50/class (Free to Title 1) FIELD EXPERIENCES: \$15/class (Free to Title 1)	USE PROVIDED NUMBER
HUB FARM (THE)	117 MILTON RD, DURHAM, NC 27712	N/A	The Hub Farm	THREE CURRICULUMS: 1) Created by Hub Staff; 2) Created by teacher; assistance provided by staff 3) Project based ideas Hub Farm helps to come alive ACTIVITIES INCLUDE: Gardening, farming, tree identification/dendrology, forest management, ecology studies including insect identification, animal identification, water quality testing and monitoring, photography, soil testing, and water turbidity testing along with numerous core curriculum-based activities.	FREE	CLICK HERE
JC RAULSTON ARBORETUM AT NC STATE UNIVERSITY	4415 BERYL RD, RALEIGH, NC 27606	(919) 513-7011	JC Raulston Arboretum	Educational programs and special events are offered year-round. Programs include garden tours and educational stations. Special program offered for grade-K: Exploring the 5 Senses. Other programs offered for all ages, but curriculum is aimed at 3rd grade course standards around plants and photosynthesis.	\$4/student Funds available	USE PROVIDED NUMBER
JORDAN LAKE EDUCATIONAL STATE FOREST	2832 BIG WOODS RD, CHAPEL HILL, NC 27517	(919) 542-1154	Jordan Lake	The Talking Tree Trail features seven stations and is less than a half mile long. Other trails include the two mile Forest Demonstration trail, the Wildlife trail and the Lowlands trail, both which are half mile trails, allow visitors to explore different forest types and features. Ranger led classes are available by reservation at no cost and are correlated to the NC Curriculum. Open March 1 through November 30.	FREE	USE PROVIDED NUMBER
LIFE AND SCIENCE MUSEUM	433 W MURRAY AVE, DURHAM, NC 27704	(919) 220-5429 ext. 313	Life and Science Museum	Bring your class to the Museum for a full day of science learning at our interactive, indoor/outdoor 84-acre science park! Programs vary by grade level and include interactive and educational programs surrounding the topics of wetland ecology, energy, animals, natural habitats, physics, and viruses and bacteria.	\$8/person	USE PROVIDED NUMBER
MAPLE VIEW AGRICULTURAL EDUCATION CENTER	3501 DAIRYLAND RD, HILLSBOROUGH, NC 27278	(919) 942-6122	Maple View Ag Center	Come bring your class for a day at the farm! Multiple available packages that include learning labs, barnyards, hayrides, picnic and playground time, and icecream. Takes groups of 10-120; Must have icecream order prepared ahead of time.	\$8-11 based on program Additional cost for parents Additional costs for icecream	USE PROVIDED NUMBER
MARBLES KIDS MUSEUM	201 E HARGETT ST, RALEIGH, NC 27601	(919) 834-4040	Marbles Kids Museum	Our museum exhibits, programs and giant screen documentaries are content-rich, align with NC Standard Course of Study and ignite curiosity and a desire to learn more. And the best part - field trips to Marbles are simple to plan, economical and FUN! At Marbles, it's not just about what students learn, but HOW they learn - through the Power of PLAY! For grades Pre-K	\$5-9/student \$0-8/teacher \$5-14/chaperone	CLICK HERE

through 8.

MOREHEAD PLANETARIUM	250 E FRANKLIN ST, CHAPEL HILL, NC 27514	(919) 962-1236	Morehead Planetarium	Morehead knows how to bring science to life, with exciting and inspiring planetarium shows, Science Stage shows and Discovery Classes. Our programming aligns with North Carolina Essential Standards, ensuring that your field trip will enhance your classroom instruction. Minimum of 10 students.	\$5.50/student \$6.50/adult	CLICK HERE
NC BOTANICAL GARDEN	100 OLD MASON FARM RD, CHAPEL HILL, NC 27517	(919) 962-0522	NC Botanical Garden	The North Carolina Botanical Garden offers on-site, hands-on educational programs and explorations of plants and nature for school groups and other children's groups. All field trip and outreach programs are aligned with the Common Core and Essential Standards, and include lesson plans for teacher-led pre-visit and extension activities.	Class of 30 or less: \$30 \$2 per extra student Limited number of field trip fee waivers for Title I schools	CLICK HERE
NC MUSEUM OF NATURAL SCIENCES	11 W JONES ST, RALEIGH, NC 27601	(919) 707-9840	NC Museum of Natural Sciences	The NC Museum of Natural Sciences offers a wide variety of field trip programs for grades levels K-12. Interactive and educational sessions are different based on grade level and include topics such as climate change, animal habitats, biodiversity, rocks, fossils, photosynthesis, and plant life.	\$35-70 per program	CLICK HERE
PICKARDS MOUNTAIN ECO-INSTITUTE	8519 PICKARDS MEADOW RD, CHAPEL HILL, NC 27516	(919) 619-5475	Pickards Mountain Eco-Institute	Children of all ages can come experience growing food in eco-friendly ways. The renewable energy system awes and inspires young minds. The BioFuels Laboratory intrigues older students, who realize the importance of a strong post-peak-oil society. Whether it's a strawberry patch visit for preschoolers, or a sustainability internship program for high schoolers, your students will love Pickards Mountain! Teachers are also able to request topics to be covered during the visit to fit the curriculum. 35 students max; Programs offered September, October, November and March, April, May	\$10/student	USE PROVIDED NUMBER
PIEDMONT WILDLIFE CENTER	364 LEIGH FARM RD, DURHAM, NC 27707	(919) 489-0900	Piedmont Wildlife Center	8 PROGRAMS: Animal Track Safari, Ecology Adventures, Living History: Ancient Ways, Plant Safari, Raptors Alive!, Small Wonders, Wild Bird Basics, The Wild Kingdom, Grades vary from pre-K to 12 depending on program.	\$10/student	USE PROVIDED NUMBER OR E-MAIL admin@piedmontwildlifecenter.org
SARAH P. DUKE GARDENS	420 ANDERSON ST, DURHAM, NC 27708	(919) 668-1707	Sarah P. Duke Gardens	Our school programs introduce students to the wonders and complexities of our natural world. Each program is age-appropriate and supports the North Carolina Standard and Extended Course of Study. The programs are led by skilled docents familiar with the Gardens and the programs.	\$3 per student	CLICK HERE
SCHOOLHOUSE OF WONDER	5101-B N ROXBORO RD, DURHAM, NC 27704	(919) 477-2116	Schoolhouse of Wonder	Each Field Trip is a day-long experience that allows students to develop their sense of wonder through active learning in the outdoors. The Field Trip experience includes adventures in science, social studies, math, music, and folklore. Programs available for grades K-6.	\$10/student \$75 deposit Discounts for schools with 50% student pop. receiving Free or Reduced Lunch	USE PROVIDED NUMBER
SCRAP EXCHANGE (THE)	2050 CHAPEL HILL RD, LAKEWOOD SHOPPING CENTER, DURHAM, NC 27707	(919) 213-1278	The Scrap Exchange	2 PROGRAMS: OPEN STUDIO - A self-led program, where participants can use our Make N Take studio to create their own unique project using the materials in the space. Any project they create, they can take home. WORKSHOP - A leader assists as students use our	\$5-10/student	CLICK HERE

unique materials to create their own project.

SEEDS COMMUNITY GARDEN	706 GILBERT ST, DURHAM NC 27701	(919) 683-1197 ext. 1	SEEDS	Utilizing the garden as our classroom, we do hands-on activities around the themes of community service, food system education, health & nutrition, nature exploration, and ecology. Ages under 12 go with childrens program manager; Ages over 12 work with garden manager (2-3 hours)	UNKNOWN	E-MAIL childrensprogram@seedsnc.org
SONOCO RECYCLING	111 S ROGERS LN, RALEIGH, NC 27610	Amanda Aster (919) 996-6973	Sonoco Recycling	Via closed-circuit TV, students get a behind-the-scenes look at our recycling plant to see how thousands of pounds of paper, metal and plastic are separated, processed and prepared for market. And, they'll learn how some recycled materials find a new "life" as products for our parent company, Sonoco. Groups of 30 or less. Tour lasts about an hour.	FREE	USE PROVIDED NUMBER
TILTHY RICH COMPOSTING	SEEDS 706 GILBERT ST. DURHAM, NC 27701 & IFFS LEARNING GARDEN 110 E GEER ST. DURHAM, NC 27701	Kat Nigro (919) 937-2962 kat@tilthyrichco.com	Tilthy Rich Compost	Tilthy Rich Composting offers composting tours at two community gardens located in Durham, NC - SEEDS and IFFS. Students will have an opportunity to learn about the importance and process of composting. Since the tour is located outside, there is no limit to group sizes and are offered for grades K-12.	FREE	USE PROVIDED E-MAIL
WATER RECLAMATION FACILITY TOURS	VARIES LOCATIONS INCLUDE: Brownwater Treatment Plant N Durham Water Reclamation S Durham Water Reclamation	Laine.Roberts @durhamnc.gov	City of Durham Department of Water Management	Tours of one of Durham's drinking water plants or of either of its two wastewater plants. See up close how source water from Lake Michie and Little River Reservoir is treated for drinking and other consumptive purposes, or visit a wastewater facility to see how water is treated before it is returned back to the natural environment. Grades 3-12	FREE	CLICK HERE

ENERGY & SUSTAINABILITY OTHER ACTIVITIES

ORGANIZATION	ADDRESS	CONTACT	WEBSITE	BRIEF DESCRIPTION	COST	REGISTRATION
ART EXHIBITIONS ARTNC NORTH CAROLINA MUSEUM OF ART	2110 BLUE RIDGE RD, RALEIGH, NC 27606	Kristin Smith ksmith@ncartmuseum.org	Student Art	Want to see your students' work exhibited at the North Carolina Museum of Art? Inspire your students to express their ideas on the environment through art by using a related lesson plan provided by ArtNC. Lesson plan ideas can be found by using the provided web link and clicking on the Lessons tab. Scroll down the page for the environmentally-oriented lessons! For more information on submissions, use the provided link.	N/A	USE PROVIDED E-MAIL
ADOPT A STREAM CITY OF DURHAM STORM WATER SERVICES	101 CITY HALL PLAZA, DURHAM, NC 22701	(919) 560-4326 ext. 30235	Adopt a Stream	You will receive help in choosing a stream, support for cleanup events twice a year, and an easy-to-use test kit for testing water quality. City of Durham Stormwater will also provide you with maps of your watershed and ideas for lessons that tie into your curriculum	N/A	CLICK HERE

CREEK WEEK KEEP DURHAM BEAUTIFUL	Use website to find locations throughout Creek Week	Laura.Smith@durhamnc.gov 919-560-4326 ext. 30235	Creek Week	Opportunities for Durham residents to discover and explore local streams and lakes through educational programs and recreational activities and to do their part to protect waterways through volunteer projects.	N/A	USE PROVIDED NUMBER OR E-MAIL
DURHAM BIG SWEEP KEEP DURHAM BEAUTIFUL	Varies	N/A	Durham Big Sweep	Volunteer and service learning opportunity for students, classes and youth organizations. Volunteers can participate in trash clean up events at locations around Durham.	N/A	CLICK HERE
NORTH CAROLINA ENVIROTHON	Use website to find upcoming locations	Sandra.Weitzel@ncagr.gov (919) 715-6680	NC Envirothon	The Envirothon program is a hands-on environmental science and natural resources competition. Teams of 5 students train and test in 5 subject areas: Aquatics, Soils, Wildlife, Forestry and Current Environmental Issues.	\$110/team	USE PROVIDED LINK
TEACHER PROFESSIONAL DEVELOPMENT UNC INSTITUTE FOR THE ENVIRONMENT	Use website to find locations of current development opportunities	Use website to find contact associated with each workshop	Teacher Development	We provide K-12 teachers with a wide range of professional development opportunities to enable them to investigate water quality and water resource related issues with their students.	N/A	USE PROVIDED LINK
THIRD GRADE ENVIRONMENTAL FIELD DAY DURHAM SOIL AND WATER CONSERVATION DISTRICT	Dr. Roberts Environmental Education Park, Bahama NC	N/A	3rd Grade Environmental Field Day	Students will participate in a number of hands-on presentations given by resource professionals in topics such as soils, forestry, aquatics/water quality, wildlife and other natural related topics.	N/A	USE PROVIDED LINK