Natural & Cultural Resources from NCLearn

Dept of Natural and Cultural Resources

NORTH CAROLINA
BEACONS OF LEADER DEVELOPMENT

Download the Performance Matters App Now!

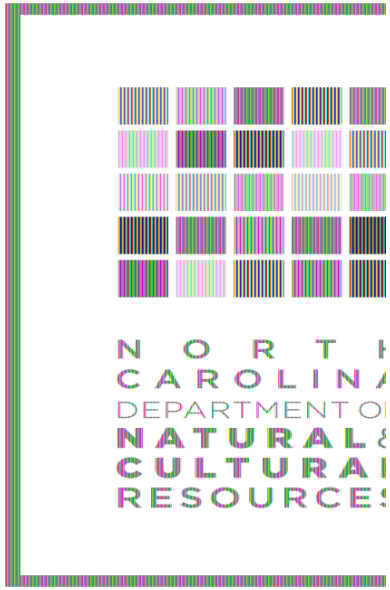
In order to receive credit for attending NCBOLD sessions, you'll need to download the Performance Matters app on a secondary mobile device. Your presenter will share a QR code at the end of the session for your to scan and get credit. Attendance will be recorded in NCEES. For more information, see the "How To" page in our app: bit.ly/ncbold721.



Registration Code: **KeXU4s**

DNCR

- We are the state's resources for the arts, history, libraries and nature
- Our education and outreach team that helps coordinate between all of our "parts" (jason.diem@ncdcr.gov)- hence "NC Learn"
- We have many virtual resources for schools
- Joined today by several education staff: North Carolina Museums of Art, History, Natural Sciences, the Zoo, Aquariums and our State Library

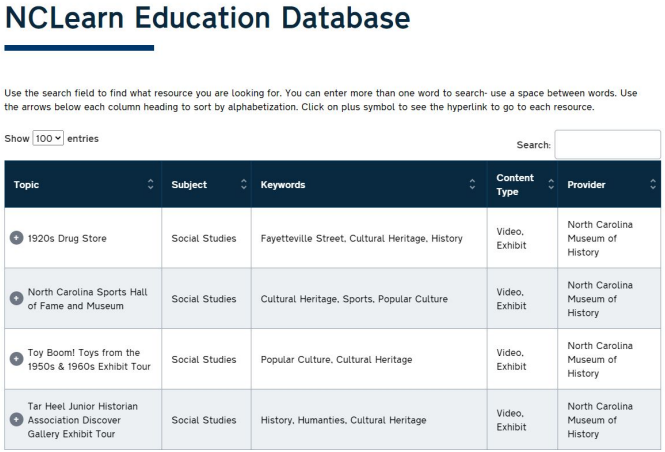


NC Learn Website and Education Database

Introduction of NC Learn Website (http://www.ncdcr.gov/nclearn).

- Virtual Field Trip programs from DNCR sites across the state
- Services and Resources for students, teachers, and families
- NC Learn Database
- Scholastic clubs available for students
- Art & Music, History & Social Studies, Nature & Science, Library & Family Records Education

Questions? Comments?
sonya.laney@ncdcr.gov



NCLearn Education Database

Use the search field to find what resource you are looking for. You can enter more than one word to search- use a space between words. Use the arrows below each column heading to sort by alphabetization. Click on plus symbol to see the hyperlink to go to each resource.

Show 100 entries Search:

Topic	Subject	Keywords	Content Type	Provider
1920s Drug Store	Social Studies	Fayetteville Street, Cultural Heritage, History	Video, Exhibit	North Carolina Museum of History
North Carolina Sports Hall of Fame and Museum	Social Studies	Cultural Heritage, Sports, Popular Culture	Video, Exhibit	North Carolina Museum of History
Toy Boom! Toys from the 1950s & 1960s Exhibit Tour	Social Studies	Popular Culture, Cultural Heritage	Video, Exhibit	North Carolina Museum of History
Tar Heel Junior Historian Association Discover Gallery Exhibit Tour	Social Studies	History, Humanities, Cultural Heritage	Video, Exhibit	North Carolina Museum of History

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NC Aquarium at Pine Knoll Shores

“Bringing the Beach Within Reach”

Outreach & Educational Opportunities

NORTH CAROLINA
BEACONS OF LEADER DEVELOPMENT



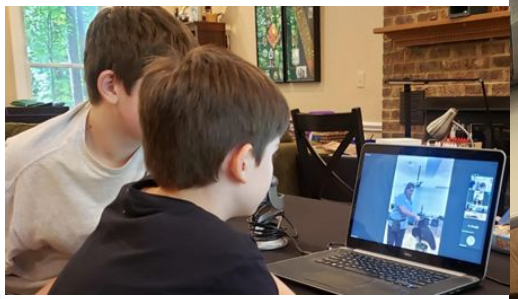
Nicole Warren(she/her)
Outreach Coordinator
North Carolina Aquarium at Pine Knoll Shores
NC Dept. of Natural and Cultural Resources
252-247-4003 x283
Nicole.Warren@ncaquariums.com

NC Aquarium at Pine Knoll Shores



Virtual Programming: Animal Cameos

- **Program Information**
  - Private at Home Experience
  - Perfect for Birthday Parties, Meetings, Family Gatherings, & School Groups
  - Animal Ambassadors Available for Cameos: Sea Turtles, Owls, Sun Conures, Alligators, Snakes, Vultures, & Pelicans
- **Program Length**
  - 20 to 30 minutes
- **Program Fee**
  - $25.00
  - Discount for Aquarium Members







Virtual Programming









- **Available Programs**
  - Scaly Skins, No Fins
  - Awesome Adaptations
  - Habitat Heroes
  - Invertebrate Encounters
  - Soars & Explores
  - Sea Turtle Trails
  - Hermite Crab & Friends
  - Turtle Turtle, Watch Out
- **Program Length**
  - 45 to 60 minutes
- **Program Fee**
  - $100.00

Outreach Programming

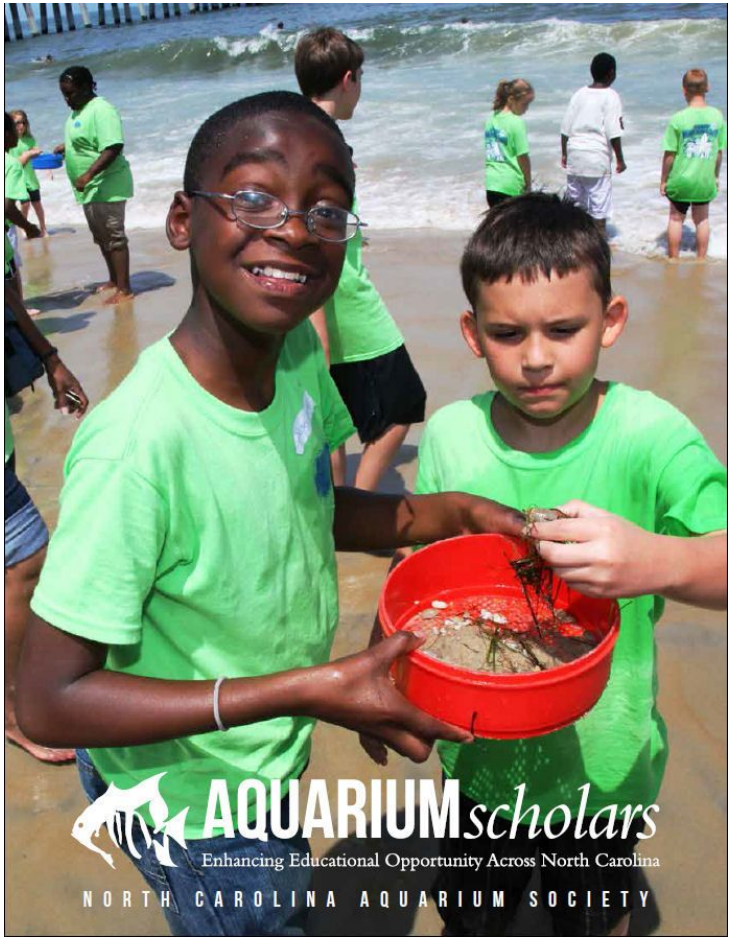
- **Large Group Programs**
  - Scaly Skins, No Fins
  - Awesome Adaptations
  - Habitat Heroes
  - Soars & Explores
  - Sea Turtle Trails
  - Journey Through NC
- **Small Group Programs**
  - Squid Squish
  - Wonderful Waters
  - Owl Pellet Dissection
  - Invertebrate Encounters
  - Hermite Crab & Friends
  - Turtle Turtle, Watch Out



- **Program Length**
  - 45 to 60 Minutes

- **Fees**
  - **SMALL GROUPS:** For 30 participants or fewer.
    - $100 for the first small-group program
    - $50 for each repeated small-group program.
  - **MEDIUM GROUPS:** For 31 to 60 participants.
    - $150 for the first medium-group program
    - $75 for each repeated medium-group program.
  - **LARGE GROUPS:** For 61 to 150 participants.
    - $200 for the first large-group program
    - $100 for each repeated large-group program.
  - **TRAVEL:** .75¢ per mile, round trip

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Scholars Programming

Aquarium Scholars is a partnership between the NC Aquariums, our state's public schools, and the Aquarium Society through which we provide students at Title 1 schools with access to the NC Aquariums' unique STEM-based environmental education and conservation programs.

SELECTION CRITERIA:

- Awards available for Title I schools ONLY
- Last day to apply for funding September 8th, 2021
- Applications are not complete without a letter verifying Title I status

SELECTION PROCESS:

- Grant awards are determined by availability of funds and how the application demonstrates students will benefit from participation
- Applications are reviewed on a competitive basis by Aquarium staff and will not be accepted after the deadline
- Funding cannot be used with other Aquarium specials or promotions
- The maximum amount of funding that can be requested is $1,250
- Schools will be notified of funding beginning Oct. 1, 2021.



Scholars Programming

AVAILABLE PROGRAMS:

- Field Trips to the Aquarium
- Outreach Programs
- Special Activities or School Group Programs



ONLINE MODULES

- Free grade-level appropriate (K-2, 3-5, 6-8) digital modules that focus on coastal ecosystems, habitats, and animals.
- Curriculum content for the modules include:
  - *Discover life under Jennette's Pier* with a focus on how animals move, their relationships and the food web
  - *Beach and Ocean* with a focus on sea turtles with NC Aquarium on Roanoke Island
  - *Salt Marsh and Estuaries* with a focus on marine invertebrates and birds with NC Aquarium at Pine Knoll Shores
  - *Long Leaf Pine Forest* with a focus on gopher frogs with NC Aquarium at Fort Fisher
- Included in the modules
  - Teacher-led activities
  - Student-guided activities
  - Worksheets
  - Additional online content and resources.



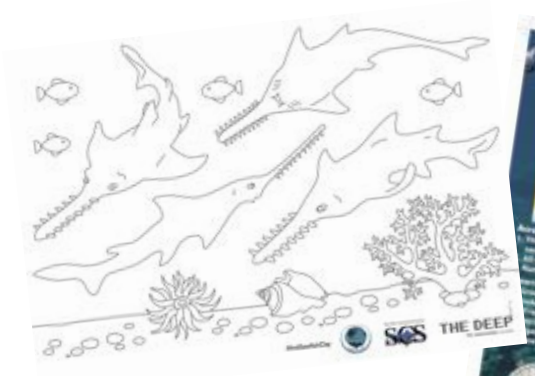
More Information To Come

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ONLINE RESOURCES

Fun & Learning Webpage: https://www.ncaquariums.com/fun-and-learning

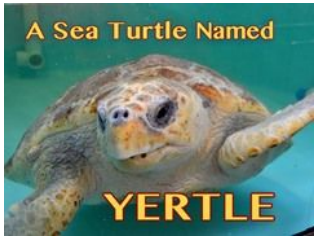
- Free Printables & Worksheets
  - *Scavenger Hunts*
  - *Bingo*
  - *Coloring Sheets*
- Educational Videos
- Meet Our Animal Of The Month
- Virtual Bookshelf Unite for Literacy
  - https://www.uniteforliteracy.com/theoceanproject/goal?LangId=0

















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Fun & Learning Page: https://www.ncaquariums.com/fun-and-learning

Outreach/Virtual Programming Request Form: https://www.ncaquariums.com/form_pine-knoll-shores-outreach

Scholars Application & Information: https://www.ncaquariums.com/pine-knoll-shores-aquarium-scholars

Unite For Literacy Bookshelf: https://www.uniteforliteracy.com/theoceanproject/goal?LangId=0



North Carolina Museum of History

Beyond the Exhibits

NORTH CAROLINA
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@BeyondTheXhbits

@BeyondTheExhibits

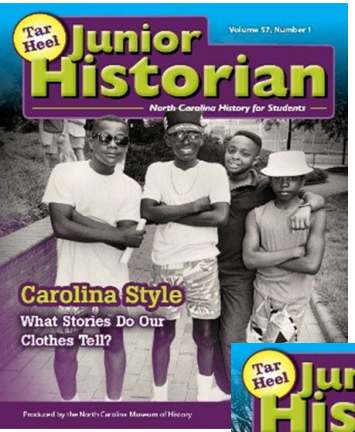
@BeyondTheExhibits

BeyondTheExhibits@ncdcr.gov

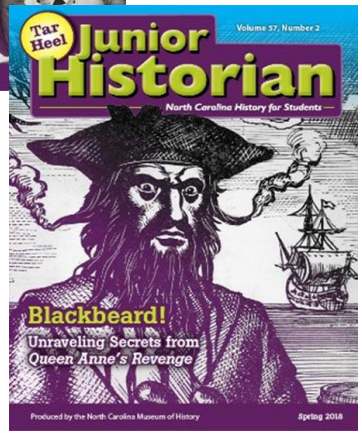


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Hard Copy Resources



TAR HEEL JUNIOR HISTORIAN ASSOCIATION



History-In-a-Box
North Carolina Museum of History



9 kit topics. Digital versions available for 2021



Free membership benefit, magazine published twice a year. Grades 4-12.

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Live Programs

STUDIO SCHOOLHOUSE

Live! Streaming Events

Meet curators and experts. Ask questions live!

September 13

November 19

December 7







New for 2021! We'll connect directly with your class for 50-minute program.

Dates available in October and February

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On Demand Resources

Videos on demand: *Entertaining* (and educational) videos based on primary sources. Stream from our website







Distance Learning on demand.

Topics include:

–American Indians in North Carolina

–Civil War Stories

–Don't You Know There's a War On?

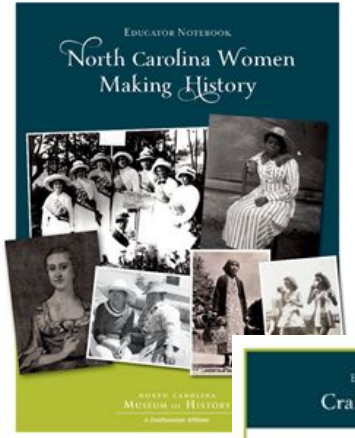
–History Mysteries (Five topics!)

–Moccasins to Motorcars

–Naturally North Carolina

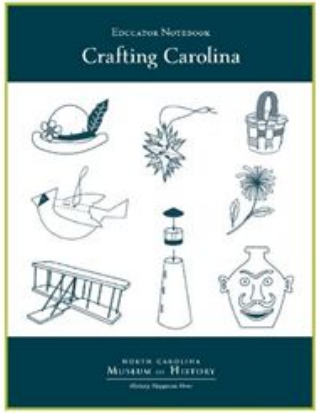
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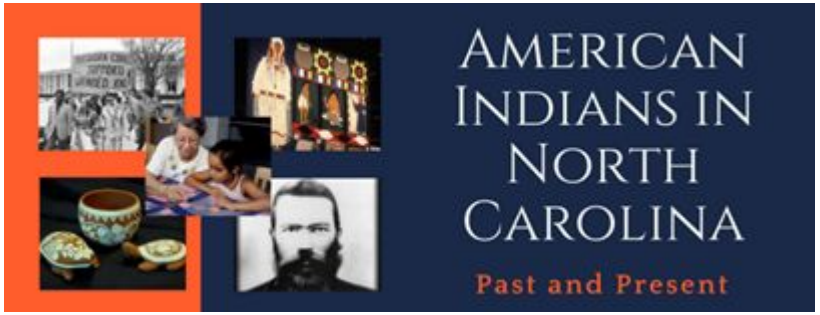
For Teachers



Current Educator Notebook topics include:

- *African Americans in North Carolina*
- *Crafting Carolina*
- *North Carolina Women Making History*









Online Educator Workshops
Earn up to forty contact hours in general education/social studies; reading/literacy; and/or digital learning competencies.

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GO BEYOND
WITH US!
@BeyondTheXhbits
@BeyondTheExhibits
@BeyondTheExhibits
BeyondTheExhibits@ncdcr.gov

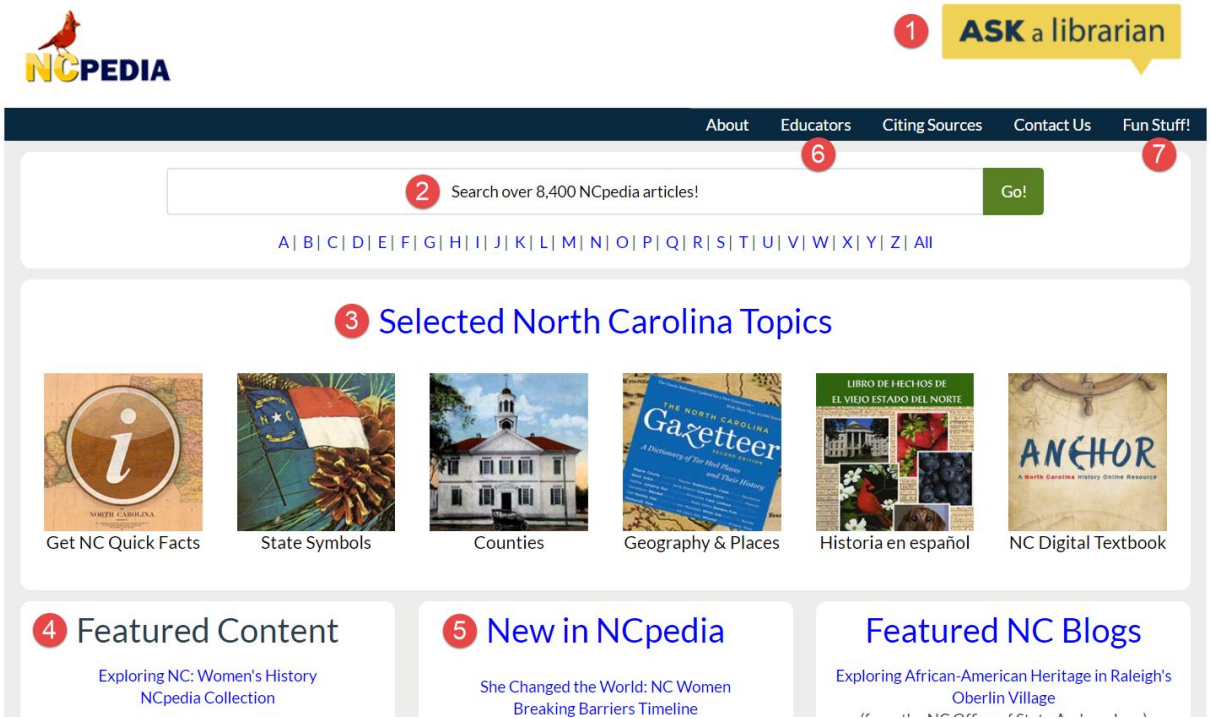
State Library of North Carolina

Jen Hanft -
jennifer.hanft@ncdcr.gov

NORTH CAROLINA
BEACONS OF LEADER DEVELOPMENT

NCpedia: the online encyclopedia of NC

1. ASK a Librarian
2. Search or Browse
3. Important Topics
4. Featured Content
5. New NCpedia Content
6. Educator Resources
7. Fun Stuff!



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NCpedia Educator Resources



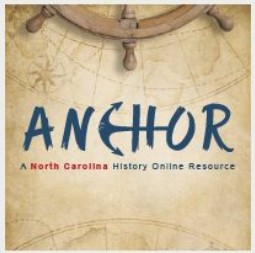
Teach with NCpedia



Recorded NCpedia Entries



NCDPI Remote Learning



ANCHOR Digital Textbook



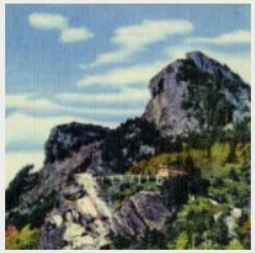
NCpedia K-8 Content



My N.C. from A to Z



North Carolina Fast Facts



100 North Carolina Icons

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NCpedia: the Fun Stuff!

Transportation in North Carolina: A Brief History of Getting Around

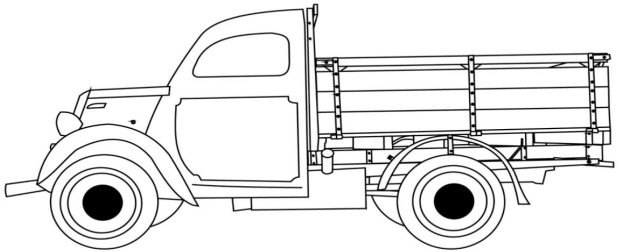


Have you ever wondered what life must have been like before the invention of trains, cars, and planes? Today you can drive by car from Wilmington, N.C. to Boone, N.C. in a little over 5 hours. Imagine a time when that same route could only be traveled by foot or on horseback! In the 1700s that trip would take weeks in the best of conditions. And the way was hard and dangerous.

In the 1700s people traveled by foot or on horseback or by wagon if they were prosperous enough to own them. American Indians traveled by foot and on horseback and navigated waterways by canoe. There were no real roads. Well-worn paths had developed along common trade and settlement routes. Many of these grew from trading paths created by American Indians.

From the 1850s onward, transportation improved dramatically. Some roads were improved by laying planks down for traction. Waterways were improved and canals built to carry people and goods. By the late 1800s the country was connected by train lines. And by the late 1920s, automobiles had become common -- and the state had nearly 50,000 miles of road, although most of it was dirt. In the second half of the 20th century, paving improved roads even more. Today the state has 80,000 miles of roads. That's enough to circle the earth 3 times!

The photograph above, taken around 1910, shows a delivery truck and workers for the Mint Cola Bottling Company in downtown Raleigh, N.C. What do you notice about the photo? What seems the same as today? What is different? The truck below looks similar. Do you think it was made about the same time or later? Why?



North Carolina History Quizzes

Hey, history and trivia buffs! Test your knowledge of North Carolina history here with NCpedia quizzes!

Quizzes are written at the 5th to 6th grade reading level. After you complete the quiz and submit your answers, you'll get your score and a handy summary of the answers and related history, along with links to relevant NCpedia articles to learn more.

Have an idea for a quiz topic? Leave a comment below to let us know. And good luck!



NC State Critters Quiz
5 Questions



NC Black History Quiz
5 Questions



NC Poetry Trivia Quiz
5 Questions



Made in NC Quiz
5 Questions



NC Geography Quiz
10 Questions



NC State Symbols Quiz
10 Questions



NC Earth Day History Quiz
10 Questions



NC History Quiz
10 Questions



NC Sports Trivia Quiz
10 Questions



NC Women's History Quiz
10 Questions

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ANCHOR: A NC History Online Resource

ANCHOR
A North Carolina History Online Resource

1 ASK a librarian

Search NCpedia Go!

NCpedia Educators About Contact Us

ANCHOR / Postwar North Carolina (1945-1975) / The Struggle for Civil Rights, 1930–1959

Printer-friendly page

‹ Origins of the Civil Rights Movement 3 The Piedmont Leaf Tobacco Plant Strike, 1946 ›

2 Table of Contents

- Introduction to NC Digital History
- Two Worlds: Prehistory, Contact, and the Lost Colony (to 1600)
- Colonial North Carolina (1600-1763)
- Revolutionary North Carolina (1763-1790)
- Early National (1790-1836)
- Antebellum (1836–1860)
- Civil War and Reconstruction

April 1947: Journey of Reconciliation

Written By:

Nicholas Graham

In 1946, the United States Supreme Court declared that the racial segregation of passengers on interstate buses was an "undue burden on interstate commerce" and could no longer be enforced. Encouraged by the decision, but dubious as to whether it would be followed, the Congress of Racial Equality sponsored a two week "Journey of Reconciliation" through the upper South to test the effectiveness of the Court's decision.

In April 1947, sixteen people — eight African Americans and eight whites — set off on a tour of cities in Virginia, North Carolina, Tennessee, and Kentucky. They traveled by bus with the express purpose of challenging existing Jim Crow laws.

4 People

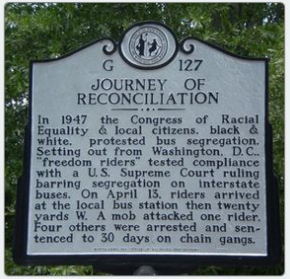


Bayard Rustin

Related Topics

Journey of Reconciliation, 1947
Roots of Civil Rights Activism in NC

Places



Journey of Reconciliation Highway Historical Marker

Located in Chapel Hill, NC, it marks the location where protesters on the bus journey were attacked and arrested.

Watch and Listen

Listen to Bayard Rustin talk about his work in CORE during the 1940s

For Teachers

CAROLINA K-12 www.CarolinaK12.org

Fighting Jim Crow with the Journey of Reconciliation Lesson Plan

The 1961 Freedom Rides Lesson Plan

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North Carolina Digital Collections

- 58 collections, including:

  Current & historical photos, maps, posters, diaries, state gov't publications, historical newspapers, NC Magazines (Our State & others), books about NC & the south, Governors' papers, NC treasures & more!



Browse all items

About this collection

Urban Development in North Carolina

Published in the 1960s and 1970s, these reports show town planning and development around North Carolina and include ...more

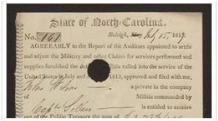


Browse all items

About this collection

Veterans Oral History Collection

The North Carolina Veterans Oral History Collection is composed of more than 1,100 interviews. Since 1996 the Military Collection ...more



Browse all items

About this collection

War of 1812 Pay Vouchers

War of 1812 Pay Vouchers consists of some 5000 vouchers, also called certificates. Vouchers were issued in lieu of cash ...more



Browse all items

About this collection

Wildlife in NC Magazine

Archive of the Wildlife Resource Commission's popular conservation wildlife magazine going back to 1937 ...more



Browse all items

About this collection

Women in North Carolina 20th Century History

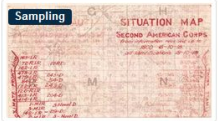
As part of the celebration of Women's History Month, the State Archives of North Carolina launched Women in North Carolina: ...more



Browse all items

About this collection

Women, Marriage and the Law



Browse all items

About this collection

World War I



Browse all items

About this collection

World War II

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Research Guides

- Getting To Primary Sources
- Women in North Carolina
- Finding Reliable Information Sources
- My NC from A to Z Companion Guide
- NC's Hispanic Heritage
- #EverythingNC



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NC Museum of Natural Sciences

Professional Learning Opportunities

NORTH CAROLINA
BEACONS OF LEADER DEVELOPMENT

School Grounds Workshops

Exploring nature at your school



#NCBOLD

Educator Treks

Experiencing natural areas across NC



#NCBOLD

Educators of Excellence Institutes

Immersive experiences in outstanding natural areas around the world



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Nature Neighborhood Online Workshops

- Asynchronous
- Topics - readily accessible to everyone at home
- Content
  - Videos
  - References
- Activities
  - Off-screen / Outdoors
  - Apply learning
  - Shared product
- Reflection questions
- Evaluation
- Shared resources for teaching

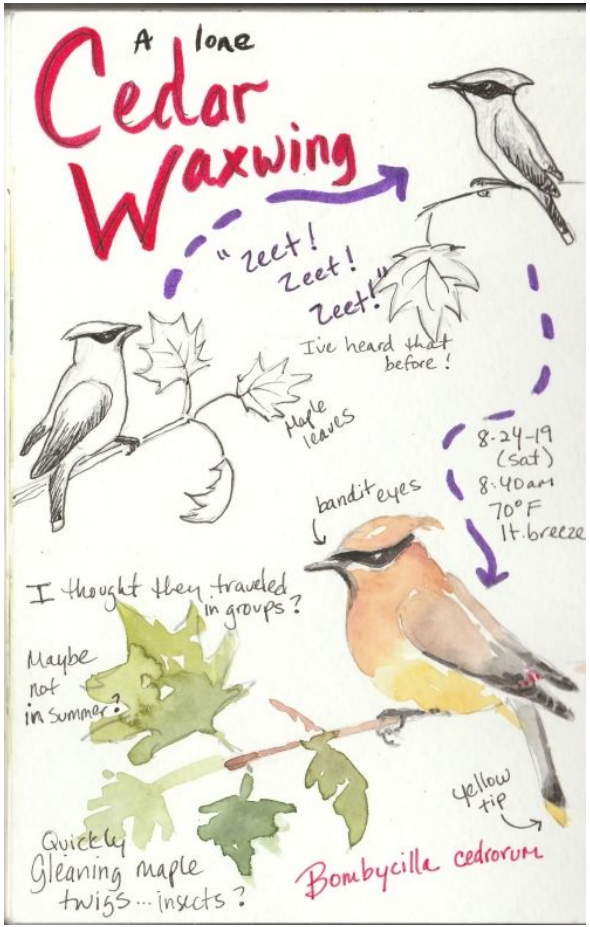


Benefits of Nature Journaling

- Synchronous or asynchronous
- Virtual or in-person

- Science and Engineering Practices
- Meets ELA standards

- Builds connections with natural world
- Provides respite, peace (SEL?)



Nature Neighborhood Workshop Topics

Creating a Nature Journal (2 hours)

Using Your Senses (1 hour)

Looking Closely (2 hours)

Parts of a Flower (2 hours)

Citizen Science: Nature's Notebook (3 hours), eBird (3 hours), and Project Squirrel (2 hours)

Under a Rotten Log (2 hours)

Trees to Meet You (3 hours)

Vulture EdVenture with the NC Zoo (3 hours)

Insect Investigation (3 hours)

Super Soils (4 hours)

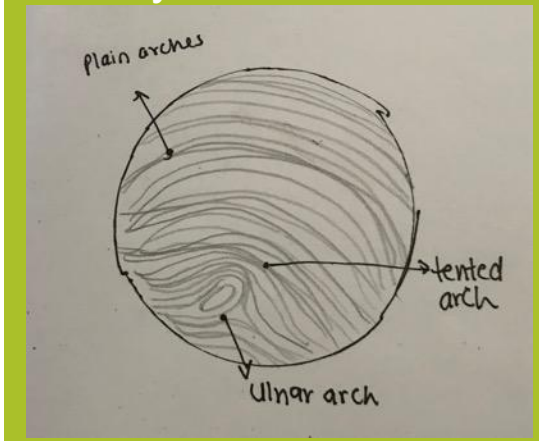
Watershed Stewardship (3 hours)

Looking Closely

1. Intro Video Using a Magnifier



2. Fingerprint Activity



3. Fingerprint surprises? Compare yours to others in the class.

4. Gum Ball Haiku Activity

The blades of green grass,
A whole universe within -
Tiny vastness, life.

5. Seeing Like Georgia O'Keefe Activity

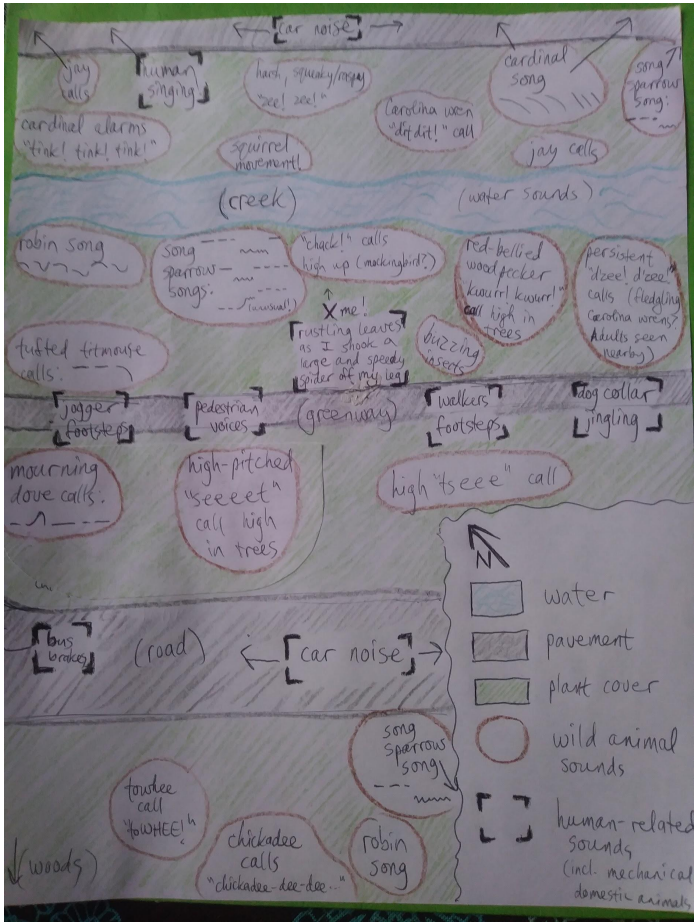


6. Reflect on this workshop.

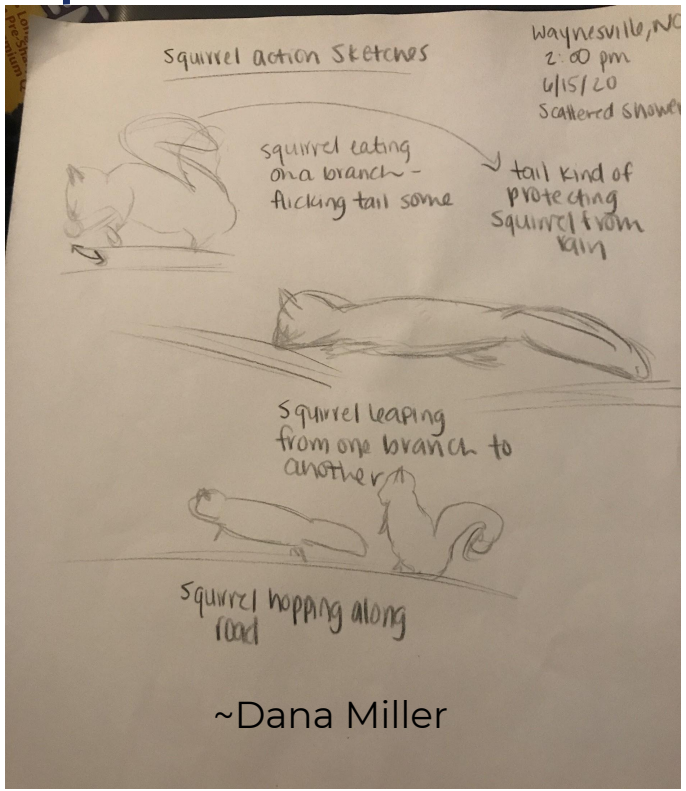
What were the 3 activities like for you? How might you use or adapt them?

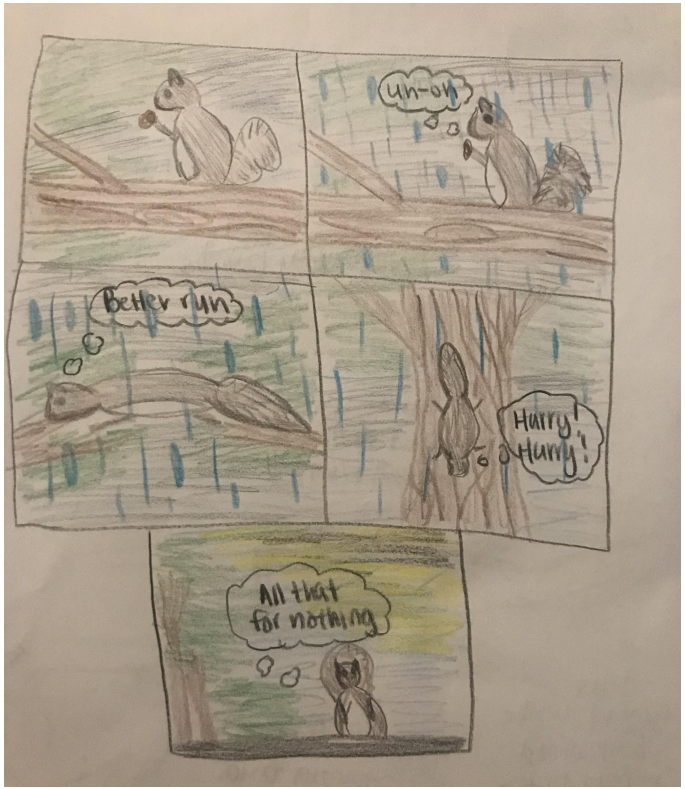
8. Shared Resources

Sound Mapping

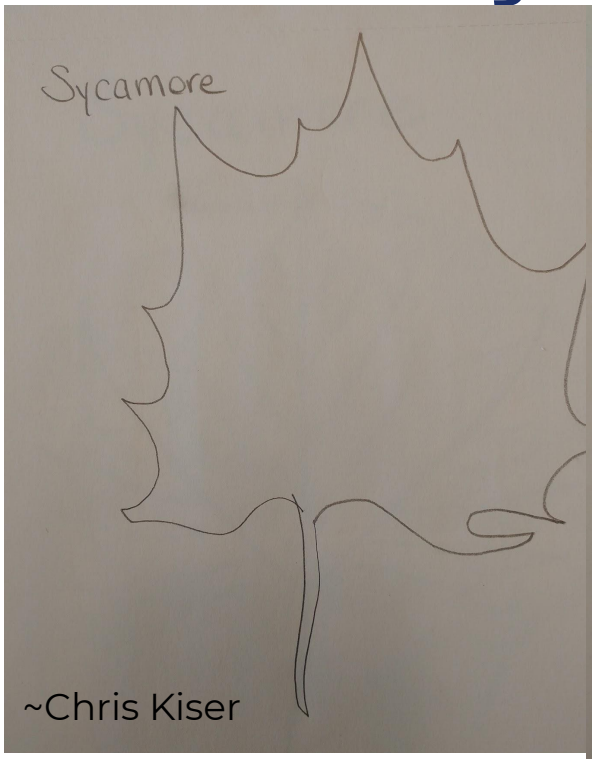


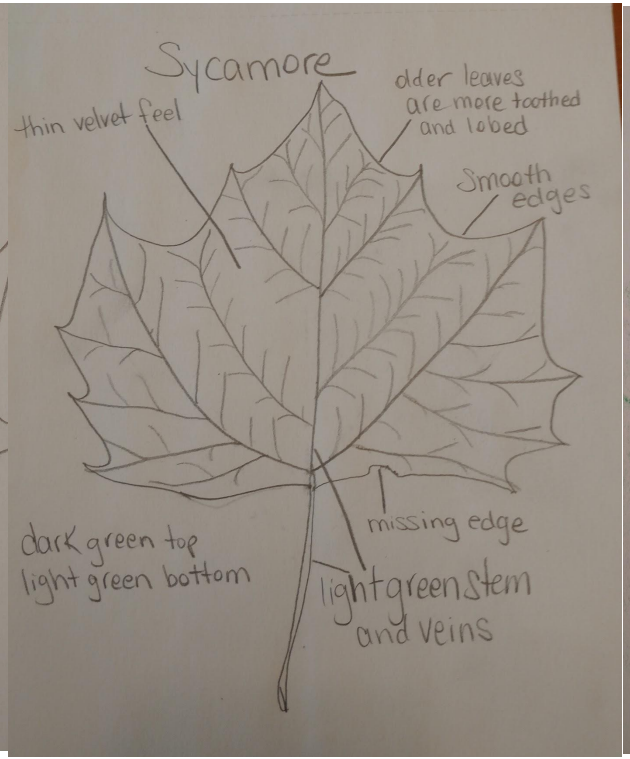
Squirrel Comics

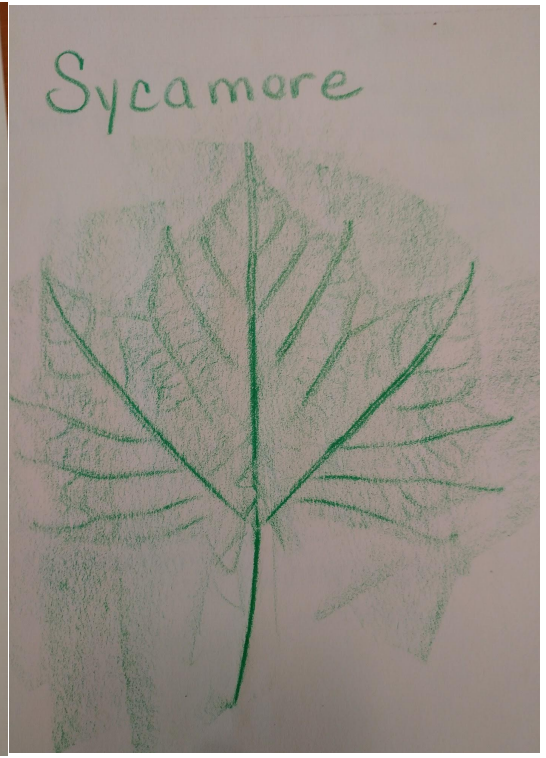




Leaf Drawing







#NCBOLD

Plant Time Machine



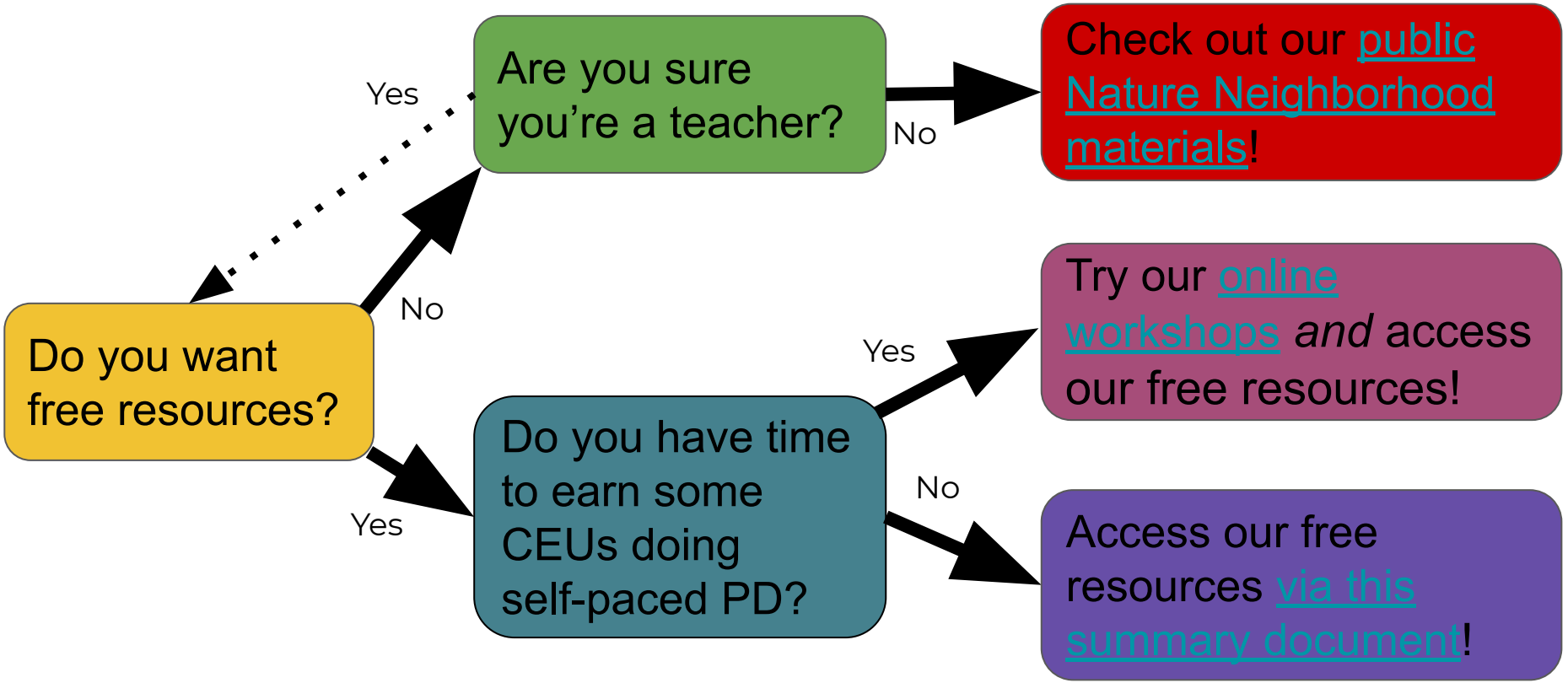
Katie Crews

I loved seeing the progression of the colors. There were these delicate red outlines in the bud that transformed to stripes and faded into the rest of the stem by the time it was in full bloom.

Isopod Igloos (Roly Poly Homes)

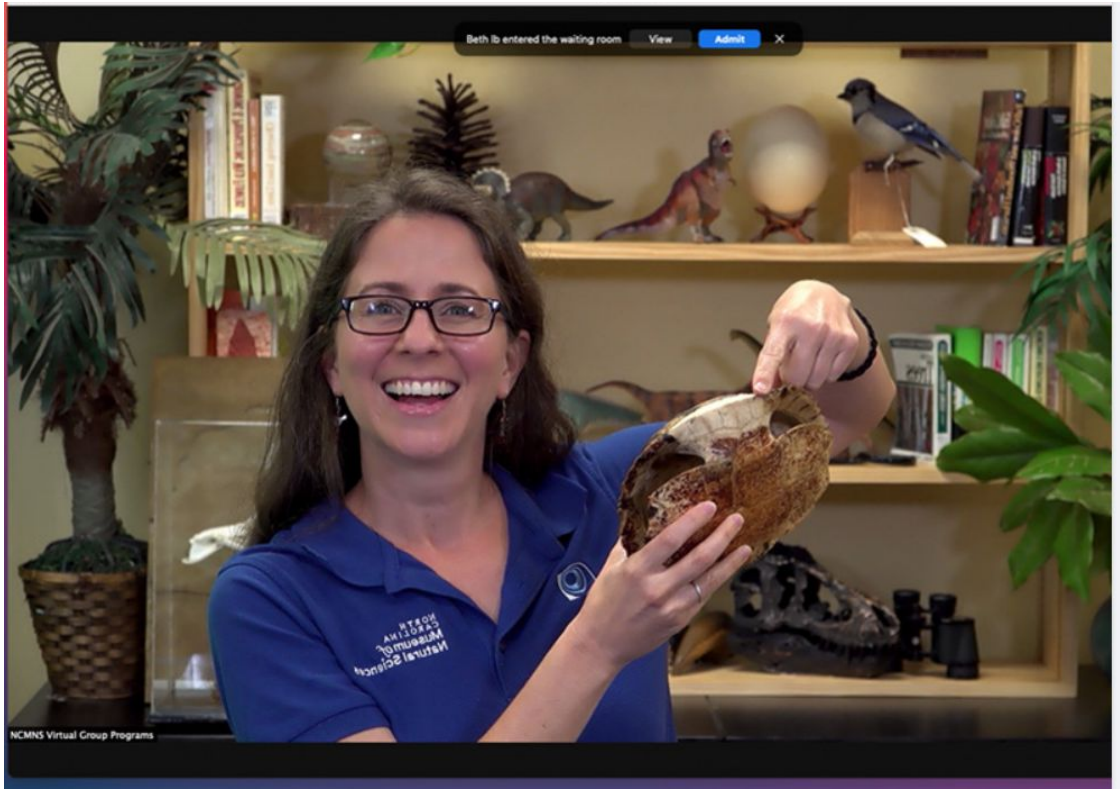


Choose your own adventure...



Virtual Student Programs

Curriculum-correlated topics for pre-k through 12th grade.



#NCBOLD

North Carolina Zoo

Up Close and Virtual

NORTH CAROLINA
BEACONS OF LEADER DEVELOPMENT

North Carolina Zoo

- Come to Zoo for free, twice, during school year
  - contact reservations @ 336.879.7700
- 500 acres, 5 miles of trails, all day visit



- To book educational programs
  - School Programs Coordinator
    - Leslie Wilhoit (she/her)
  - leslie.wilhoit@nczoo.org
  - 336.879.7718



#NCBOLD

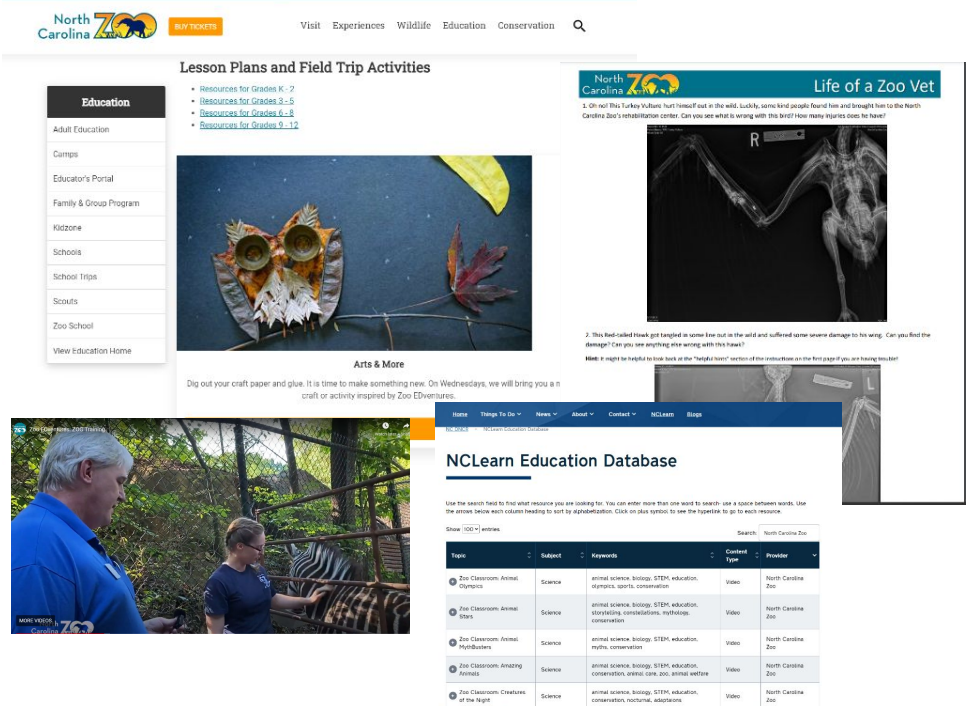
On Demand Virtual Programs

- **Zoo Classroom**
  - 45 - 60 minute themed program
  - Tailored to NC Science Standards
  - $75/program (discount for Title and Tier 1)
  - Zoom, Google Meets, Streamyard, etc.
  - Best for groups of 30 but up to 95 logins

- **Species Spotlight**
  - 15 - 30 minute animal encounter
  - Pricing changes based on type of encounter ($60-$100)



Asynchronous Videos and Free Programming



- FB Group - Adventures in EdZOOcation
- Untamed Science videos and activities
- Facebook Live, Zoo Science, and Wild about Nature Recordings
- Living with Nature
- NCLearn and GoOpenNC
- Activities for field trips or lesson plans

#NCBOLD

In Person Programs









- Zoo Classroom at the Zoo
  - 45-60 minute themed program at Zoo amphitheatre
  - $75* = up to 30 students
  - $115* = 40 - 100 students
- Zoo to You (currently on hiatus)
  - 45-60 minute themed program at offsite location (100 mile radius from Zoo)
  - $115* = up to 30 students
  - $150* = 40 - 100 students

*Discounts for Title 1 and Tier 1 schools

#NCBOLD

Thank you!

Dept of Natural and Cultural Resources

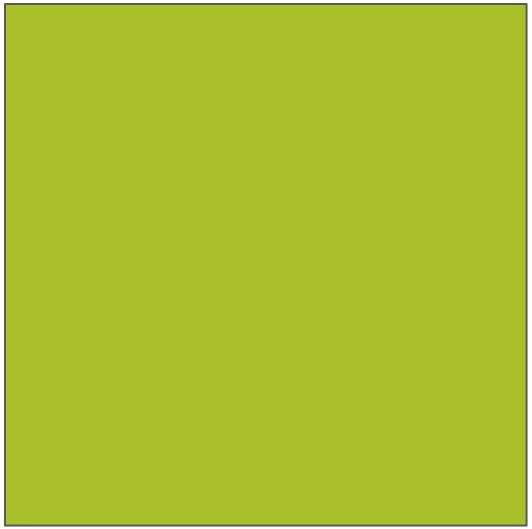
jason.diem@ncdcr.gov

NORTH CAROLINA
BEACONS OF LEADER DEVELOPMENT

Scan Section Code to Sign-In

You will need to:

1. open your Performance Matters Mobile App,
2. login into NCEdCloud,
3. select the blue button "Scan Section Code", and
4. Scan this QR Code.



This will identify your attendance for this session. Within a week your attendance will be marked complete. Then a certificate for the session will be viewable and printable in your transcript area.

Having an issue with the QR Code?

Complete the Alternate Attendance Form at bit.ly/ncboldaltatt.

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Please complete this short feedback survey:

bit.ly/ncboldfeedback21