

MODEL EVOLUTION WITH A BOARD GAME

Learn about evolution and natural selection, then build your own creatures in the board game "Evolution: the Beginning."

Afterwards, we will take some time to compare some of our favorite creations and how they had to adapt and evolve in order to win the game!

CONDUCT A MACROINVERTEBRATE INDEX

Conduct a macroinvertebrate index from the comfort of your own classroom with our macroinvertebrate index game!

Students will get to evaluate a mock ecosystem and determine if that ecosystem is healthy based on their macroinvertebrate sample.



PRICING AND SCHEDULING

Each program is approximately one hour in length. Programs are \$100 per group. Staff from Cape Fear Botanical Garden will come to your school or you can come to the Garden and combine your program with a tour.

Fees for out of county travel may apply.

CAPE FEAR BOTANICAL GARDEN



Plan a trip to explore the Garden. With 80 acres of landscaped beds and natural trails, you can escape the stress of life and connect with the tranquility of nature.

Visit our Heritage Garden Complex and learn about NC farm life - past, present and future.

Please contact CFBG's Environmental Education Manager, Barbara Goldentyer: bgoldentyer@capefearbg.org to schedule your program today!

capefearbg.org

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ARTS COUNCIL



CAPE FEAR
BOTANICAL
GARDEN

SECONDARY CLASSROOM PROGRAMS



BUILD A WIND TURBINE

Discover the many different types of energy humans use. In this class students will build their own renewable energy resource: a wind turbine!



WATERSHED POLLUTION LAB

Did you know we live in the largest watershed in North Carolina?

Gain a hands-on understanding of how the water in your own backyard can accumulate pollutants and contaminate the watershed we share. Then, discuss how we can limit pollution to protect one of our most valuable resources, freshwater!

ROCKS AND MINERALS LAB

Learn about the different types of rocks/minerals and how they form. Then, attempt to identify some different rock and mineral samples.

EXPLORE OUR NATIVE ECOSYSTEM

Meet Cape Fear Botanical Garden special residents: Carlos the box turtle, Mango the spotted salamander, Duke the eastern kingsnake, Miller the millipede, and Maize the cornsnake!

Students will learn about food webs and symbiotic relationships with this interactive classroom visit.

INTRODUCING...



Duke, the King Snake



Maize, the Corn Snake



Carlos, the Eastern Box Turtle



The American Millipede

WATER QUALITY TESTING LAB

Looking to understand what makes water drinkable to humans or suitable for aquatic life? This is the lab for you! We will learn about turbidity, the nitrogen cycle, dissolved oxygen, acidity, and eutrophication through various mini-games and testing kits!

EXPLORE THE ATMOSPHERE WITH A ROCKET LAUNCH

Learn about our atmospheric layers and launch a rocket into the stratosphere. Determine the changes the rocket experienced throughout its journey!

DESIGN YOUR OWN SOLAR POWERED CAR

Learn about alternative energy sources and build your own solar powered car.

DISSECT A FROG (WITHOUT THE MESS!)

Want to learn about the anatomy of a frog without the mess? Look no further! With our 4D frog models we will have the chance to explore and understand the anatomy of a frog and what makes them special!

