

PROGRAM SYNOPSIS

TURNBULL CREEK EDUCATIONAL STATE FOREST

1. **TREE RINGS** The objective of this program is to acquaint the student with tree growth rings—what they are and what can be learned from them. Students learn the parts of a tree and how trees grow by the aid of forestry tools and “hands-on” activities. Recommended grade levels: 1-6
2. **PREDATORS AND THEIR PREY** As a result of this activity, the student will gain an understanding of the role of predators in maintaining a balance in natural populations, be able to explain the benefit of predation to prey species, and study life cycles and properly balanced habitats. Recommended grade levels: K-6
3. **HOW PAPER COMES FROM TREES** The objective of this program is to inform students of the history of paper making and the current economic importance of the paper industry to the U.S. and North Carolina. Students will also participate in making a real sheet of paper. Recommended grade levels: 3-Adult
4. **WILDFIRE CONTROL** Students will learn about the fire triangle and basic tools used to suppress wildfires. They will also get to see various equipment used to fight wildfires such as fire tractors, a Type 6 engine, and a helicopter. Students can also learn about old and new methods for locating wildfires by touring a reproduction fire tower. Recommended grade levels: 1-Adult
5. **NAVAL STORES** Students will learn the importance of the naval stores industry from the 1700s in England to today’s modern forest. They will learn how this industry shaped North Carolina’s history and how more tar, pitch, turpentine, and rosin was processed in this state than anywhere else in the world for many years. Recommended grade levels: 3-Adult
6. **TURNBULL CREEK FORESTRY TRAIL** Students, while hiking through the forest on a quarter-mile trail, will learn of the proper forest management of several resources including timber, soil quality, water quality, wildlife habitat, and recreational use. Students will also have the opportunity to learn basic tree identification skills. Recommended grade levels: K-Adult
7. **OUT OF PLACE** This class teaches students about the dangers of various types of litter to the forest habitat and how pollution can affect more than just trees. Recommended grade levels: K-2
8. **TRUE STORY OF SMOKEY BEAR** For the little ones—Or big ones if requested. This program will introduce the students to the true story of Smokey Bear. Students will learn that preventing wildfires is everyone’s job. All students will receive some type of Smokey gift, a comic book telling the story of Smokey, and a chance to meet Smokey Bear. Recommended grade levels: K-2
9. **NEW FORESTS FOR WILDLIFE** Discussion of even-aged management and other types of forest management practices and how this can benefit wildlife. Students will also learn the concept of adaptation. Recommended grade levels: 4-Adult

All classes are approximately thirty minutes in length but can be adapted as needed.

Don’t see what you’re looking for? Let us know and we’ll be able to work with you to design a class!