

TAKE ROOT AND GROW!

2022 is N.C. State Park's Year of the Tree! Trees can be found in any park or your backyard. Learn more about trees by completing the activities below.

Trees are very important and help us in many ways! The roots of trees stop soil erosion. Trees can provide people with food such as apples and also provide food for moths and butterflies. They can also be homes for birds and other critters. The leaves can create cool shade on sunny day and most importantly, help create the oxygen we breathe!



Find the leaf shape! In your park, find examples of each shape of leaf.



STAR



maple



sycamore



sweet gum



OVAL



birch



beech



hickory



NEEDLE



cedar



longleaf pine



loblolly pine



HEART



red bud



CAT HEAD



tulip poplar



Acorns cached on this activity: _____

TREES TO MEET YOU



Find a tree and fill out the worksheet about it below.

1. Leaf Characteristics: *Check one in each category.*

SHAPE



Lobed



Entire



Toothed



Divided

TYPE



Compound



Simple

ARRANGEMENT



Opposite



Alternate

VEINS



Pinnate



Palmate



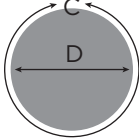
Parallel

2. Observe: *Make 5 observations about your tree, starting with "I notice..."*

- 1. I notice _____
- 2. I notice _____
- 3. I notice _____
- 4. I notice _____
- 5. I notice _____

3. Measure: *Measure the trunk of your tree - don't forget to include units!*

***You can borrow a tape measure from the park office.*



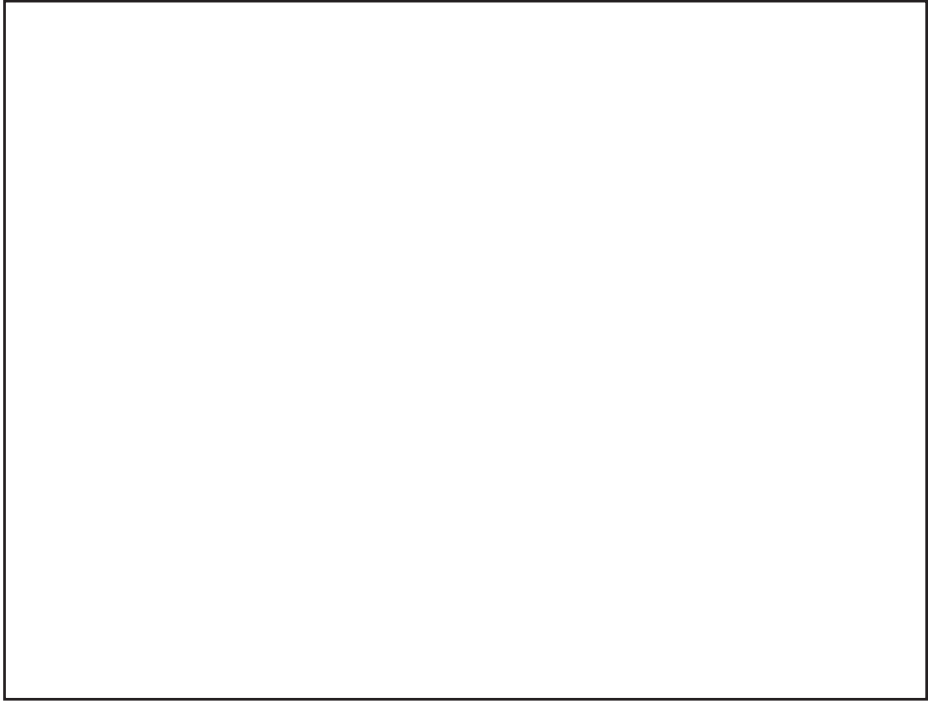
circumference (C) = π × diameter (D)

$\pi = 3.14$

$D = C \div 3.14$

Circumference _____
Diameter _____

4. **Explore:** *Explore your tree and draw a sketch of something interesting you found.*



5. **Name it:** *Make up a name for your tree based on your observations.*

6. **Identify:** *Ask a ranger or use the internet to answer the questions about your tree to find out what type it is.*

Common Name: _____

Scientific Name: _____

Evidence: _____

Interesting fact about your tree: _____

Acorns cached on this activity: _____

