

Name _____

Date _____



Video Overview: "A-Tree-L" Tree Identification

1. Trees have a first and last name just like us! Learn the names of 3 native trees by watching the video "A-Tree-L". Complete the worksheet below.

1. Common Name	2. Common Name	3. Common Name
_____	_____	_____
<div style="border: 1px solid black; width: 100%; height: 100%;"></div>	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Genus: _____	Genus: _____	Genus: _____
species: _____	species: _____	species: _____
Fun facts: _____	Fun facts: _____	Fun facts: _____
_____	_____	_____
_____	_____	_____

2. Atlanta is located in the _____ region.



Activity 1: Identifying Leaves in the Classroom

Your teacher has posted photos of six leaves around the classroom. Use a sample dichotomous tree key to figure out what leaves you may be observing. List them below.

	Common Name	Genus	species
A.			
B.			
C,			
D.			
E.			
F.			

Trees Atlanta Dichotomous Tree Key

Directions: Use the key below to determine the name of the tree that you are observing.

QUESTION 1	
<p>1A. Is your leaf a broadleaf (leaves that are thin, wide and flat)?</p> <p style="text-align: center;">Yes. Go to Question 3A. No. Go to Question 1B.</p>	<p>1B. Is your leaf a conifer (leaves that are needle-like or scale-like)?</p> <p style="text-align: center;">Yes. Go to Question 2A.</p>
QUESTION 2	
<p>2A. Is your leaf needle-like and bundled in groups of 3 needles?</p> <p style="text-align: center;">Yes. You have a Loblolly Pine (<i>Pinus taeda</i>)</p> <p style="text-align: center;">No. Go to Question 2B.</p>	<p>2B. Is your leaf needle-like and resembles a feather?</p> <p style="text-align: center;">Yes. You have a Bald Cypress (<i>Taxodium distichum</i>)</p>
QUESTION 3	
<p>3A. Is your leaf a simple leaf? (a simple leaf usually has one leaflet, a petiole, and a bud at the base of its petiole)</p> <p style="text-align: center;">Yes. Go to Question 4A. No. Go to Question 3B.</p>	<p>3B. Is your leaf a compound leaf? (a compound leaf has two or more leaflets and a bud at the base of its petiole)</p> <p style="text-align: center;">Yes. You have a Pecan (<i>Carya illinoensis</i>)</p>
QUESTION 4	
<p>4A. Is your leaf entire/un-lobed?</p> <p style="text-align: center;">Yes. Go to Question 5A. No. Go to Question 4B.</p>	<p>4B. Is your leaf lobed (when the spaces between the teeth run $\frac{1}{4}$ or more to the center of the leaf)?</p> <p style="text-align: center;">Yes. Go to Question 6A.</p>
QUESTION 5	
<p>5A. Is your leaf smooth/entire?</p> <p style="text-align: center;">Yes. You have a Dogwood (<i>Cornus florida</i>)</p> <p style="text-align: center;">No. Go to Question 2B.</p>	<p>5B. Is your leaf serrated?</p> <p style="text-align: center;">Yes. You have an American Elm (<i>Ulmus Americana</i>)</p>
QUESTION 6	
<p>6A. Is your leaf 4-lobed and resembles a cat face?</p> <p style="text-align: center;">Yes. You have a Tuliptree (<i>Liriodendron tulipifera</i>)</p>	<p>6B. Congrats! You're done! Now you can walk down the street and name the trees you see.</p>



Activity 2: Go Outside! Trees in the Playground

Grab a partner and find two trees outside. Write observations of the trees and use a dichotomous key or an identification guide from your teacher. to see if you can correctly identify. Try to think of the common name, Genus, and species

Observations	Common Name	Genus	species
Write observations about the tree: Draw a picture of the tree: Draw a picture of a leaf:			
Write observations about the tree: Draw a picture of the tree: Draw a picture of a leaf:			

 **Teacher Answer Key**

Teachers, print out the 6 leaves and place them around the room or you may choose to print out enough for table groups where students circulate them around the table. We recommend that you do “A” together as a class and then have your students use the key to identify the leaves of the 5 additional trees.

Review the sample dichotomous tree and shapes of leaves prior to this activity. Look around the school for trees and use the resource below to help you identify them.

<http://www.aces.edu/pubs/docs/A/ANR-0509/ANR-0509.pdf>

You can create your own dichotomous key using this resource based on the trees in your school to assist students with the second activity.

Tree Identification Answer Key

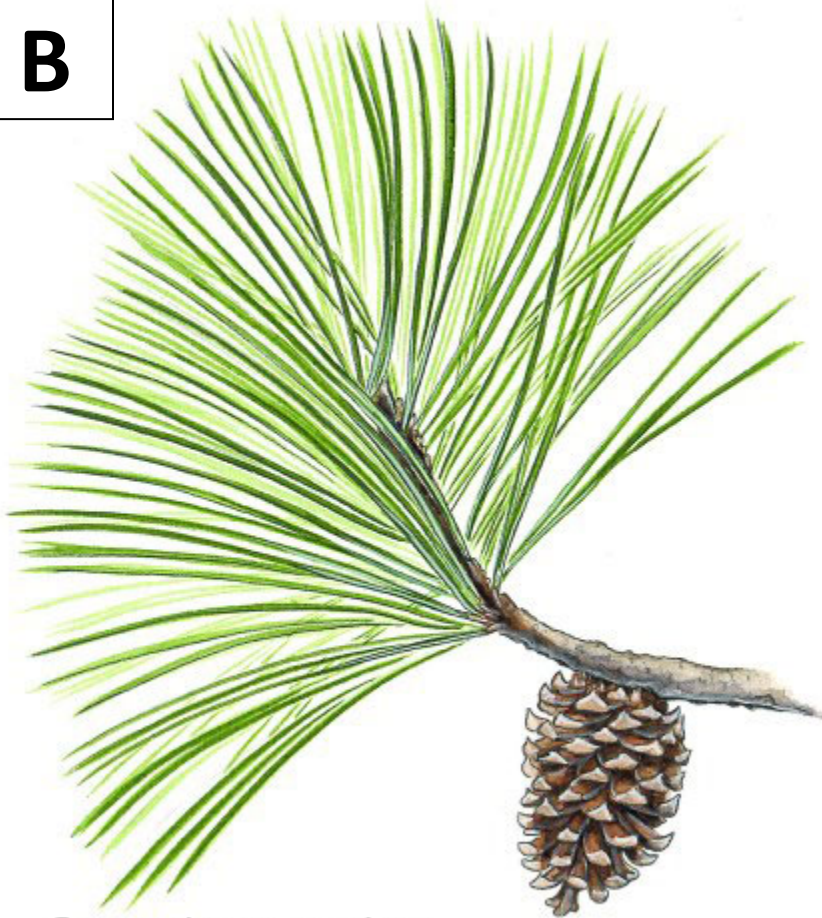
A = Dogwood	<i>Cornus florida</i>
B = Loblolly	Pine <i>Pinus taeda</i>
C = Bald Cypress	<i>Taxodium distichum</i>
D = Pecan	<i>Carya illinoensis</i>
E = American Elm	<i>Ulmus americana</i>
F = Tuliptree	<i>Liriodendron tulipifera</i>

A



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B



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