



Under the Home

Fourth Grade Science

Plants II Field Book - Trees

Learn from the Masters

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Lesson 1: How to Identify Trees

Field Book Entry: Leaf Hunt!

Directions: Print out the pages of this field book and keep them in a folder or three-ring binder. Bring a small collection bag and embark on a nature walk to **collect multiple types of leaves**. Upon returning from the walk, complete this page by uniquely numbering and tracing each leaf in the provided spaces. Use colored pencils to color in the leaves and sketch out the lines/veins. Print as many of the template pages as desired.

Child Name:

Nature Walk Date:

Nature Walk Season (Check One):

- Fall
- Winter
- Spring
- Summer

Number of Types of Leaves Procured:

Specimen # _____:

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Specimen # _____:

Specimen # _____:

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Specimen # _____:

Lesson 2: The Elm

Field Book Entry: Find Simple Leaves

<p>Directions: Bring a small collection bag or backpack and embark on a nature walk to find a tree with simple leaves. Study the appearance and habitat of the tree. Collect leaves, seeds, nuts, or other items as specimens. Upon returning from the walk, complete this page by sketching the form of the tree and its simple leaf. Use colored pencils to color in the leaf and sketch out the lines/veins.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name (if known):</p>
<p>Tree Appearance Notes:</p>	<p>Tree Habitat Notes:</p>
<p>Tree and Habitat Sketch:</p>	

Leaf, Seed, and/or Nut Tracing, Sketching, and Coloring:

Lesson 3: The Poplar

Field Book Entry: Identify Differing Tree Forms

<p>Directions: The poplar grows into a narrow, identifying spire. Taking a pencil and small notebook for notes and draft sketches, embark on a nature walk to find two (2) trees with vastly different overall forms or shapes. Note what the trees look like (appearance), especially their general forms or shapes. Upon your return from the walk, complete this page. Use colored pencils to complete the <i>Form Sketches</i>.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Binomial Names (if known):</p>
<p>Tree Appearance Notes:</p>	<p>Tree Habitat Notes:</p>
<p>Tree #1 Form (Shape) Sketch:</p>	<p>Tree #2 Form (Shape) Sketch:</p>

Lesson 4: The Birch

Field Book Entry: Find a Birch Tree

<p>Directions: Taking a pencil and small notebook for notes and draft sketches, embark on a nature walk to find a birch tree or a tree of your choosing. Study and sketch the appearance and habitat of the tree. Collect leaves, seeds, nuts, or other items as specimens. Upon your return from the walk, complete this page. Use colored pencils to complete the <i>Plant and Habitat Sketch</i> and <i>Leaf Sketch</i>.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name:</p>
<p>Tree Appearance Notes:</p>	<p>Tree Habitat Notes:</p>
<p>Tree and Habitat Sketch:</p>	<p>Leaf, Seed, Nut, etc. Sketch:</p>

Lesson 5: The Ash

Field Book Entry: Find Compound Leaves

<p>Directions: Bring a small collection bag or backpack and embark on a nature walk to find a tree with compound leaves. Study the appearance and habitat of the tree. Collect leaves, seeds, nuts, or other items as specimens. Upon returning from the walk, complete this page by sketching the form of the tree and its compound leaf. Use colored pencils to color in the leaf and sketch out the lines/veins.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name (if known):</p>
<p>Tree Appearance Notes:</p>	<p>Tree Habitat Notes:</p>
<p>Tree and Habitat Sketch:</p>	

Leaf, Seed, and/or Nut Tracing, Sketching, and Coloring:

Lesson 6: The Maple

Field Book Entry: Find a Maple Tree

<p>Directions: Bring a small collection bag or backpack and embark on a nature walk to find a maple tree or a tree of your choosing. Study the appearance and habitat of the tree. Collect leaves, seeds, nuts, or other items as specimens. Upon returning from the walk, complete this page by sketching the form of the tree and its leaves, seeds, nuts, etc. Use colored pencils to color in the leaf and sketch out the lines/veins.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name (if known):</p>
<p>Tree Appearance Notes:</p>	<p>Tree Habitat Notes:</p>
<p>Tree and Habitat Sketch:</p>	

Leaf, Seed, and/or Nut Tracing, Sketching, and Coloring:

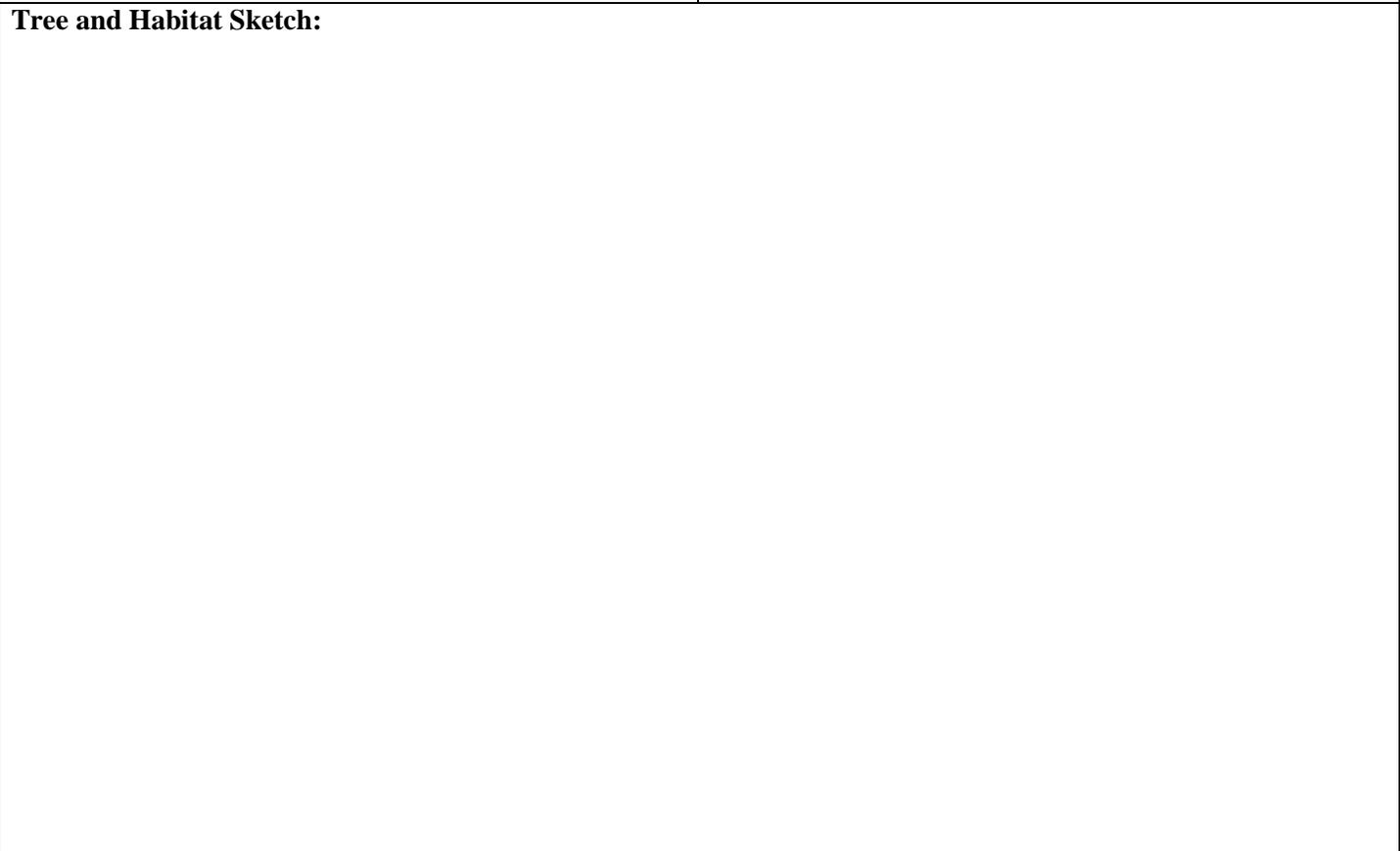
Lesson 7: The Hickory

Field Book Entry: Find a Hickory Tree

Directions: Bring a small collection bag or backpack and embark on a nature walk to **find a hickory tree or a tree of your choosing**. Study the appearance and habitat of the tree. Collect leaves, seeds, nuts, or other items as specimens. Upon returning from the walk, complete this page by sketching the form of the tree and its leaves, seeds, nuts, etc. Use colored pencils to color in the leaf and sketch out the lines/veins.

Child Name:	Nature Walk Date:
Nature Walk Season (Check One): <input type="checkbox"/> Fall <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer	Tree Name (if known):
Tree Appearance Notes:	Tree Habitat Notes:

Tree and Habitat Sketch:



Leaf, Seed, and/or Nut Tracing, Sketching, and Coloring:

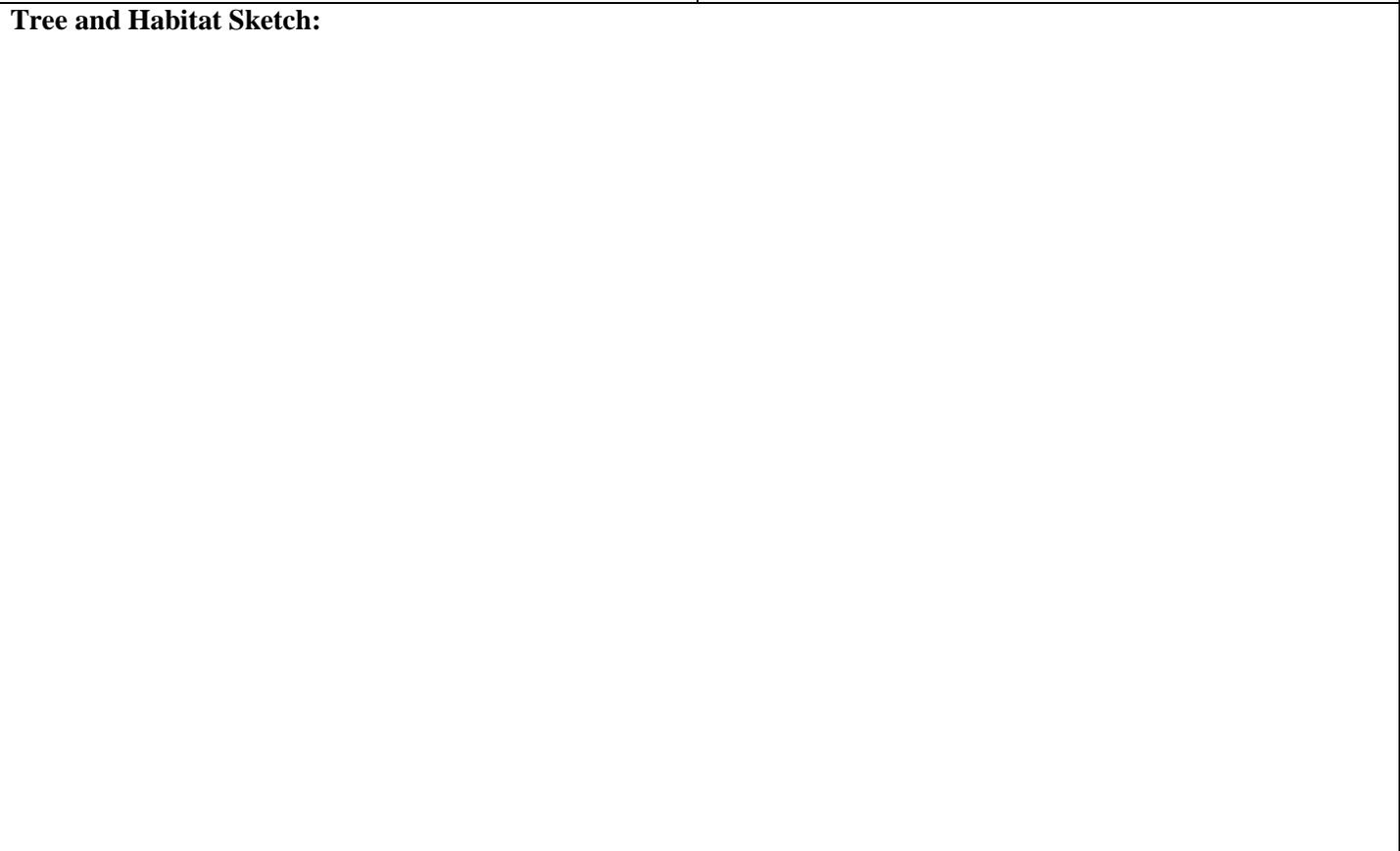
Lesson 8: The Walnut

Field Book Entry: Find a Walnut Tree

Directions: Bring a small collection bag or backpack and embark on a nature walk to **find a walnut tree** or a tree of your choosing. Study the appearance and habitat of the tree. Collect leaves, seeds, nuts, or other items as specimens. Upon returning from the walk, complete this page by sketching the form of the tree and its leaves, seeds, nuts, etc. Use colored pencils to color in the leaf and sketch out the lines/veins.

Child Name:	Nature Walk Date:
Nature Walk Season (Check One): <input type="checkbox"/> Fall <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer	Tree Name (if known):
Tree Appearance Notes:	Tree Habitat Notes:

Tree and Habitat Sketch:



Leaf, Seed, and/or Nut Tracing, Sketching, and Coloring:

Lesson 9: The Butternut

Field Book Entry: Sketch a Cross Section of a Trunk

<p>Directions: Embark on a nature walk to find an exposed cross section of a trunk (e.g. a stump). Sketch out the cross-section of the trunk including the growth rings. Count its growth rings. About how old was the tree when it was cut down? Upon returning from the walk, complete this page and sketch the trunk cross section and its growth rings. Use colored pencils to add color and detail to the sketches.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name (if known):</p>
<p>Tree Appearance Notes:</p>	<p>Estimated Age of Tree When Cut Down:</p>
<p>Cross Section and Growth Rings Sketch:</p>	

Lesson 10: Leaves

Field Book Entry: Colorful Leaf Hunt!

Directions: Print out the pages of this field book and keep them in a folder or three-ring binder. Bring a small collection bag and embark on a nature walk to **collect multiple colors of leaves**. Upon returning from the walk, complete this page by uniquely numbering and tracing each leaf in the provided spaces. Use colored pencils to color in the leaves and sketch out the lines/veins. Print as many of the template pages as desired.

Child Name:

Nature Walk Date:

Nature Walk Season (Check One):

- Fall
- Winter
- Spring
- Summer

List of the Colors of the Leaves Procured:

Specimen # _____ :

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Specimen # _____:

Specimen # _____:

FOURTH GRADE SCIENCE FIELD BOOK

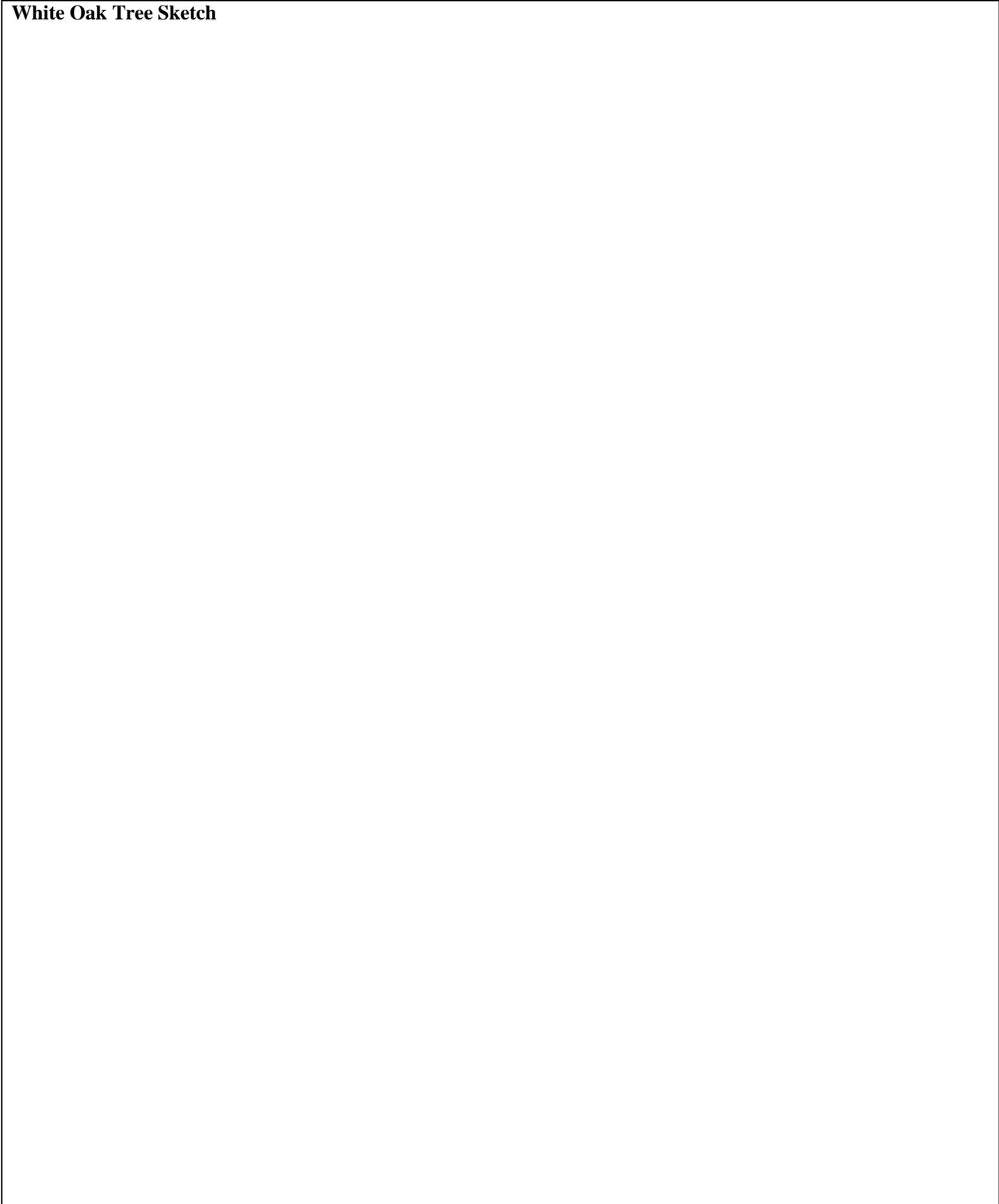
Specimen # _____:

Lesson 11: The Oak

Field Book Entry: Find a White Oak Tree and a Black Oak Tree

<p>Directions: Bring small collection bags or a backpack and embark on a nature walk to find a white oak tree and a black oak tree or a tree of your choosing. Study the appearance and habitat of the trees. Collect leaves and acorns from each tree as specimens. (Make sure to label them!) Upon returning from the walk, complete this page by sketching the form of the trees and their leaves. Use colored pencils to color in the leaves and sketch out their lines/veins.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name (if known):</p> <p>White Oak Tree</p>
<p>White Oak Tree Appearance Notes:</p>	<p>White Oak Tree Habitat Notes:</p>
<p>White Oak Tree Leaf Sketch:</p>	<p>White Oak Tree Acorn Sketch:</p>

White Oak Tree Sketch

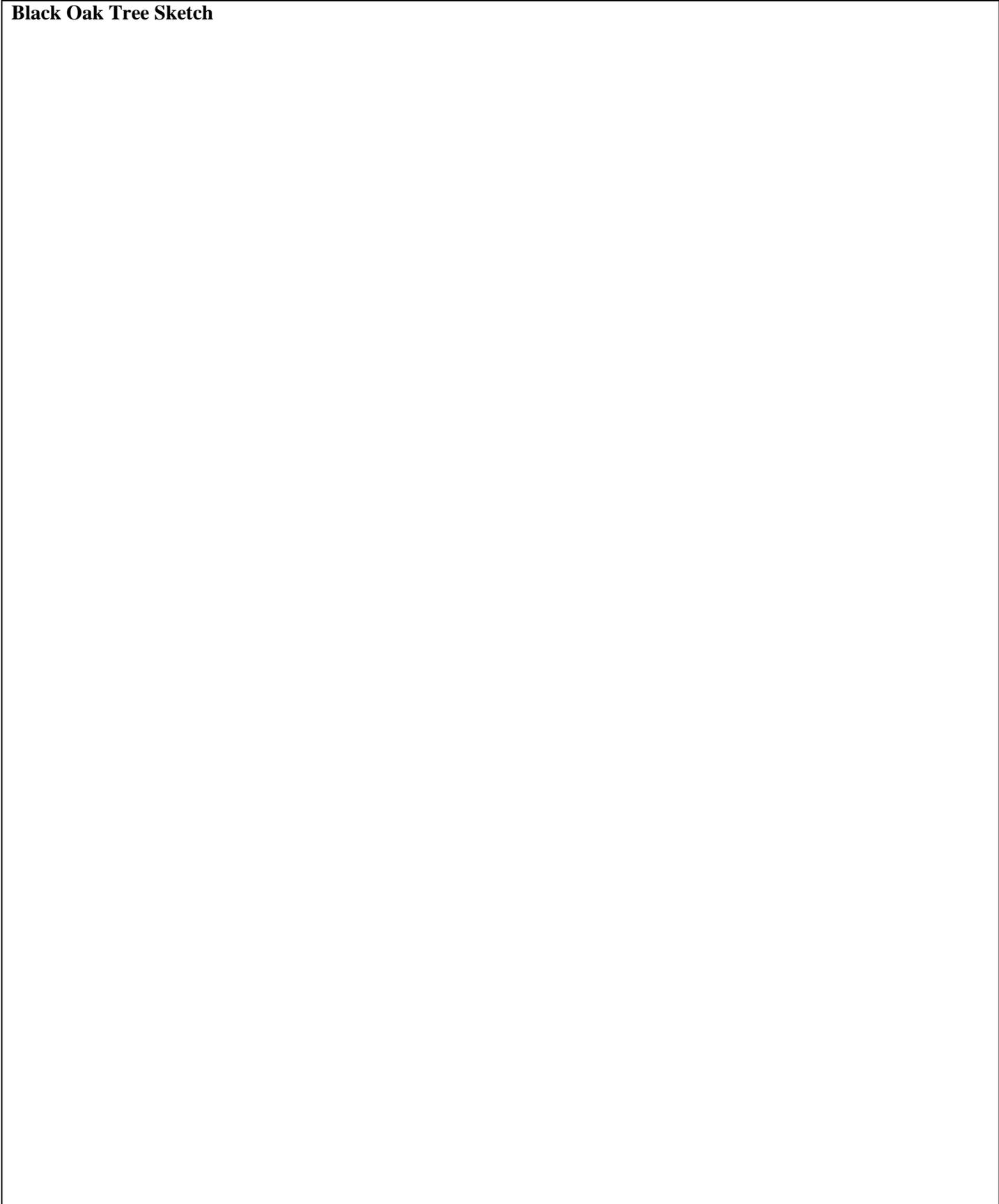


Lesson 11: The White and Black Oak (Continued)

Field Book Entry: Find a White Oak Tree and a Black Oak Tree and Collect Their Leaves

<p>Directions: Bring two small collection bags or backpack and embark on a nature walk to find a white oak tree and a black oak tree or a tree of your choosing. Study the appearance and habitat of the trees. Collect leaves and acorns from each tree as specimens. (Make sure to label them!) Upon returning from the walk, complete this page by sketching the form of the trees and their leaves. Use colored pencils to color in the leaves and sketch out their lines/veins.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name (if known):</p> <p>Black Oak Tree</p>
<p>Black Oak Tree Appearance Notes:</p>	<p>Black Oak Tree Habitat Notes:</p>
<p>Black Oak Leaf Sketch:</p>	<p>Black Oak Tree Acorn Sketch:</p>

Black Oak Tree Sketch



Lesson 12: The Chestnut

Field Book Entry: Find a Chestnut Tree

<p>Directions: Bring a small collection bag or backpack and embark on a nature walk to find a chestnut tree or if unavailable a tree of your choosing. Study the appearance and habitat of the tree. Collect leaves, seeds, nuts, or other items as specimens. Upon returning from the walk, complete this page by sketching the form of the tree and its leaves, seeds, nuts, etc. Use colored pencils to color in the leaf and sketch out the lines/veins.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name (if known):</p>
<p>Tree Appearance Notes:</p>	<p>Tree Habitat Notes:</p>
<p>Tree and Habitat Sketch:</p>	

Leaf, Seed, and/or Nut Tracing, Sketching, and Coloring:

Lesson 14: Roots

Field Book Entry: Sketch Exposed Tree Roots

<p>Directions: Bring a small collection bag or backpack and embark on a nature walk to study tree roots and dig up and collect a small portion of a tree root, including the rootlets. Upon returning from the walk, complete this page by sketching the form of the root and its rootlets. Use colored pencils to create the sketch.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name (if known):</p>
<p>Tree Appearance Notes:</p>	<p>Root Appearance Notes:</p>
<p>Root and Rootlets Sketch:</p>	

Lesson 15: Moisture

Field Book Entry: Trees and Moisture

<p>Directions: Embark on a nature walk to both dry and swampy areas to compare and contrast trees that grow on dry land and trees that grow in water. Upon returning from the walk, complete this page by sketching the forms of a tree growing in water and on dry land. Use colored pencils to create the sketch.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name (if known):</p>
<p>Tree Appearance Notes:</p>	<p>Tree Habitat Notes:</p>
<p>Tree Growing on Land Sketch:</p>	<p>Tree Growing in Water Sketch:</p>

Lesson 16: Soil

Field Book Entry: Collect and Sketch Various Types of Soil

<p>Directions: Bring four small collection bags and embark on a nature walk to collect four different soil samples. Upon returning from the walk, examine the soil up close and rub it between your fingers. Spread out a small amount of each soil across a white piece of paper to enable examination and sketching of the particulates. Use your observations to complete this page. Use colored pencils to realistically depict the color of the soils.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Which soil do you predict is best for growing trees?</p> <p><input type="checkbox"/> Soil #1</p> <p><input type="checkbox"/> Soil #2</p> <p><input type="checkbox"/> Soil #3</p> <p><input type="checkbox"/> Soil #4</p>
<p>Soil #1 Sketch:</p>	<p>Soil #2 Sketch:</p>
<p>Soil #3 Sketch:</p>	<p>Soil #4 Sketch:</p>

Lesson 17: Light

Field Book Entry: Tree Forms and Amount of Light

<p>Directions: Embark upon a nature walk and seek out four trees growing in different light conditions - a lone tree in an open field, a tree in a densely forested area, etc. Observe the form of the tree and the amount of light each receives. Use your observations to fill in the light amount (e.g. full light, partial light, shady, shady and thickly forested) and to sketch the general form of each tree. Use colored pencils to realistically depict the trees.</p>	
<p>Child Name: _____</p>	<p>Nature Walk Date: _____</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Names (if known):</p>
<p>Light Amount: _____</p>	<p>Light Amount: _____</p>
<p>Light Amount: _____</p>	<p>Light Amount: _____</p>

Lesson 18: Heat

Field Book Entry: Sketch a Tree at Winter Rest

Directions: Embark on a nature walk to find a snowy/icy tree or a tree of your choosing. Study the appearance and habitat of the tree. Upon returning from the walk, complete this page by sketching the form of the tree and the snowy/icy surroundings.

Child Name:

Nature Walk Date:

Nature Walk Season (Check One):

- Fall
- Winter
- Spring
- Summer

Tree Names (if known):

Tree at Winter Rest and Habitat Sketch

Lesson 19: Air

Field Book Entry: Trees and Atmosphere Interaction

Directions: Embark on a nature walk to find any tree of your choosing. Study the appearance and habitat of the tree. Upon returning from the walk, complete this page by sketching the tree and its interaction with the atmosphere. Add the following to the diagram: 1) Draw molecules of nitrogen, carbon dioxide, and oxygen in the air, and 2) Show carbon dioxide gas entering the leaves (stomata) and oxygen gas leaving.

Child Name:

Nature Walk Date:

Nature Walk Season (Check One):

- Fall
- Winter
- Spring
- Summer

Tree Name (if known):

Tree and Atmosphere Interaction Sketch

Lesson 20: Planting Trees

Field Book Entry: Dormant or Dead?

<p>Directions: Embark upon a nature walk. Use the methods outlined in the 'Concepts' section to seek out and identify a dormant deciduous tree and a dead deciduous tree (assuming it is now winter). Upon returning from the walk, complete this page by using colored pencils to sketch the tree branches and their green or brown underlayers and buds.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Names (if known):</p>
<p>Dormant Tree Branch and Buds Sketch</p>	<p>Dormant Tree Branch Underlayer Sketch</p>
<p>Dead Tree Branch and Buds Sketch</p>	<p>Dead Tree Branch Underlayer Sketch</p>

Lesson 21: Pests

Field Book Entry: Trees Damaged by Insects or Wildlife

Directions: Embark upon a nature walk and find trees damaged by insects or wildlife. Study the bark of the branches and trunks of trees for insect or wildlife damage. Make observations and gather data, and use this to create the field book entry. Use colored pencils to add detail and realism.

Child Name:

Nature Walk Date:

Nature Walk Season (Check One):

- Fall
- Winter
- Spring
- Summer

Tree Name (if known):

Insect and Wildlife Damage Sketch

Lesson 24: The Hemlock

Field Book Entry: Tannins

<p>Directions: The bark of the hemlock contains tannins. Embark upon a nature walk, and search for items containing tannins, such as the bark of coniferous trees, wood, leaves, buds, stems, fruits (acorns), seeds, and roots. When you return, search for items containing tannins around your home, such as apples, red grapes, tea, coffee, almonds, cinnamon, cloves, pomegranates, red beans, walnuts, chocolate, red wine, or blueberries. Write the name of and sketch four of the items that you find below. Use colored pencils to add detail and realism.</p>	
<p>Child Name: _____</p>	<p>Nature Walk Date: _____</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name (if known): _____</p>
<p>Tannins Item 1: _____</p>	<p>Tannins Item 2: _____</p>
<p>Tannins Item 3: _____</p>	<p>Tannins Item 4: _____</p>

Lesson 25: The Cedar

Field Book Entry: The Red Cedar or Juniper

<p>Directions: NOTE: Do not touch or ingest any berries. Bring a small sketchbook and a specimen collection bag and embark on a nature walk. Search for any type of juniper tree. If you cannot find a juniper tree, choose another evergreen tree to study. Study and sketch the appearance, habitat, and berries of the tree. Collect a leaf specimen from the tree. Use the sketch and leaf specimen to create the field book entry. Use colored pencils to add detail and realism.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fall <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer 	<p>Tree Name (if known):</p>
<p>Tree and Habitat Sketch</p>	<p>Specimen Sketches</p>

Lesson 26: The Cypress

Field Book Entry: The Cypress

<p>Directions: Bring a small sketchbook and a specimen collection bag and embark on a nature walk. If you live in an area with cypress trees, search for the tree. If you have no access to cypress trees, choose another evergreen tree to study. Study and sketch the appearance, habitat, and/or cones of the tree. Collect specimens from the tree, including small branches, leaves, and cones. Use the sketch and specimens to create the field book entry. Use colored pencils to add detail and realism.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fall <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer 	<p>Tree Name (if known):</p>
<p>Tree and Habitat Sketch</p>	<p>Specimen Sketches</p>

Lesson 27: The Pine

Field Book Entry: The Pine

<p>Directions: Bring a small sketchbook and embark on a nature walk. Search for any type of pine tree. If you cannot find a pine tree, choose another evergreen tree to study. Study and sketch the appearance, habitat, and cones of the tree. Count the number of needles per fascicle. Do your tree's fascicles have five needles like a white pine, three like a pitch pine, or two like a scotch pine? Collect a needle cluster specimen from the tree. Use the sketch and leaf specimen to create the field book entry. Use colored pencils to add detail and realism.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name (if known):</p>
<p>Tree and Habitat Sketch</p>	<p>Specimen Sketches</p>

Lesson 28: The Spruce

Field Book Entry: The Spruce

<p>Directions: Bring a small sketchbook and embark on a nature walk. Search for any type of spruce tree. If you cannot find a spruce tree, choose another evergreen tree to study. Study and sketch the appearance, habitat, leaves, and cones of the tree. Use the sketch and any collected specimens to create the field book entry. Use colored pencils to add detail and realism.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name (if known):</p>
<p>Tree and Habitat Sketch</p>	<p>Specimen Sketches</p>

Lesson 29: The Tulip Tree

Field Book Entry: Find Representative Cones, Fruit, Seeds, and Nuts

<p>Directions: Bring a small collection bag or backpack and embark on a nature walk to find and collect representative cones, fruit, seeds, and nuts. Upon returning from the walk, complete this page by sketching the collected specimens. Use colored pencils to add color and detail to the sketches.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>List of Collected Specimens:</p>
<p>Cone Sketches:</p>	<p>Fruit Sketches:</p>
<p>Seed Sketches:</p>	<p>Nut Sketches:</p>

Lesson 30: The Magnolia

Field Book Entry: The Magnolia

Directions: Bring a small sketchbook and a specimen collection bag and embark on a nature walk. If they grow in your area, seek out a Magnolia or any flowering or fruiting tree. Study and sketch the appearance and habitat of the tree. Collect a leaf specimen from the tree. Use the sketch and leaf specimen to create the field book entry. Use colored pencils to add detail and realism.

Child Name:	Nature Walk Date:
Nature Walk Season (Check One): <input type="checkbox"/> Fall <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer	Tree Name (if known):
Tree and Habitat Sketch	Specimen Sketches

Lesson 31: The Locust

Field Book Entry: The Locust

<p>Directions: Bring a small sketchbook and a specimen collection bag and embark on a nature walk. If they grow in your area, seek out a black locust tree. Otherwise, either find a plant that grows panicles or choose another interesting tree to study. Study and sketch the appearance and habitat of the tree. Collect a leaf specimen from the tree. Use the sketch and leaf specimen to create the field book entry. Use colored pencils to add detail and realism.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fall <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer 	<p>Tree Name (if known):</p>
<p>Tree and Habitat Sketch</p>	<p>Specimen Sketches</p>

Lesson 32: The Dogwood

Field Book Entry: The Dogwood

<p>Directions: Bring a small sketchbook and a specimen collection bag and embark on a nature walk. If they grow in your area, find a dogwood tree. Otherwise, seek out another unstudied tree. Study and sketch the appearance and habitat of the tree, especially its flowers and bark. Collect a leaf whorl specimen from the tree. Use the sketch and leaf specimen to create the field book entry. Use colored pencils to add detail and realism.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name (if known):</p>
<p>Tree and Habitat Sketch</p>	<p>Specimen Sketches</p>

Lesson 33: The White Mulberry

Field Book Entry: The Mulberry

<p>Directions: Bring a small sketchbook and a specimen collection bag and embark on a nature walk. If they grow in your area, find a mulberry tree. Otherwise, seek out another unstudied tree. Study and sketch the appearance and habitat of the tree, especially its flowers, leaves, and bark. Collect a leaf specimen from the tree. Use the sketch and leaf specimen to create the field book entry. Use colored pencils to add detail and realism.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fall <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer 	<p>Tree Name (if known):</p>
<p>Tree and Habitat Sketch</p>	<p>Specimen Sketches</p>

Lesson 34: The Sycamore

Field Book Entry: The Sycamore

<p>Directions: Bring a small sketchbook and a specimen collection bag and embark on a nature walk. If they grow in your area, find a sycamore tree. Otherwise, seek out another unstudied tree. Study and sketch the appearance and habitat of the tree, especially its leaves and bark. Collect a leaf specimen from the tree. Use the sketch and leaf specimen to create the field book entry. Use colored pencils to add detail and realism.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name (if known):</p>
<p>Tree and Habitat Sketch</p>	<p>Specimen Sketches</p>

Lesson 35: The Weeping Willow

Field Book Entry: Catkins

<p>Directions: Bring a small sketchbook and a specimen collection bag and embark on a nature walk. If they grow in your area, find a weeping willow tree. Otherwise, seek out another unstudied tree. Study and sketch the appearance and habitat of the tree, especially its weeping branches. Collect a branch and leaf specimen from the tree. Use the sketch and leaf specimen to create the field book entry. Use colored pencils to add detail and realism.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name (if known):</p>
<p>Tree and Habitat Sketch</p>	<p>Specimen Sketches</p>

Lesson 36: The Beech

Field Book Entry: The Beech

<p>Directions: Bring a small sketchbook and a specimen collection bag and embark on a nature walk. If they grow in your area, find a beech tree. Otherwise, seek out another unstudied tree. Study and sketch the appearance and habitat of the tree, especially its leaves, buds, and bark. Collect a leaf specimen from the tree. Use the sketch and leaf specimen to create the field book entry. Use colored pencils to add detail and realism.</p>	
<p>Child Name:</p>	<p>Nature Walk Date:</p>
<p>Nature Walk Season (Check One):</p> <p><input type="checkbox"/> Fall</p> <p><input type="checkbox"/> Winter</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Summer</p>	<p>Tree Name (if known):</p>
<p>Tree and Habitat Sketch</p>	<p>Specimen Sketches</p>

FOURTH GRADE SCIENCE FIELD BOOK

Blank Field Book Entry:

Directions: Taking a pencil and small notebook for notes and draft sketches, embark on a nature walk to find a tree of study. Note what the tree looks like (appearance) and where it lives (habitat). Upon your return from the walk, complete this page. Use colored pencils to complete the <i>Tree and Habitat Sketch</i> .	
Child Name:	Nature Walk Date:
Nature Walk Season (Check One): <input type="checkbox"/> Fall <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer	Tree Name:
Tree Appearance Notes:	Tree Habitat Notes:
Tree and Habitat Sketch:	