



4-H



Forestry

Project



4-H Forestry Project
4-H Forestry Project

Project Overview or Goal!

The 4-H Forestry Project teaches 4-H members practical concepts and skills in forest management and use of forest products. To enroll, a member may have some timberland, but does not have to own land or timber. Opportunities are provided for the participants in 4-H judging, visual presentation, records, and exhibits.



4-H Forestry Project

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Project Resources!

**Specialists: Dr. Bob Daniels, Dr. Glen Hughes,
Dr. John Kushla, Dr. Steve Dickie, and Tim Traugott**

Member manuals, leader guides, supplementary materials,
training materials, videos, etc.

Member :

Publication 1205 – Welcome to 4-H Forestry

Publication 1991 – Mississippi 4-H Forestry
Competition Handbook

Supplementary:

Project 1, Tree Planting

Publication 1228 Project 2, Big Tree Contest

Publication 1242 Project 3, Know Your Trees
Exhibit

Publication 1305 Project 4, Developing Your
Own Forestry Library

Publication 1408 Project 5, Forestry
Nurseries

Publication 1422 Project 6, Collecting and
Identifying Tree Seeds

(Continued)



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Project Resources!

Supplementary:

Items available from the AV Reference Room
Concerning Forestry or Insects -

PPB4-0001.00 - 4-H Forestry Insect and Disease
Identification

SOB4-0001.00 – Biology and Identification of the
Southern Pine Beetle

VOB4-0002.00 – America’s Forest: A History of
Resiliency and Recovery

VOB4-0008.00 – Following Nature’s Plan

VOB4-0011.00 – Forestry: An Intricate Balance

VOB4-0015.00 – Natural Resources: A Career
Choice That Matters

VOB4-0016.00 – Nine Lives of the Pine Seedling

VOB4-0018.00 – Standing Strong

VOB4-0022.00 – Mississippi Foresters: A Closer
Look

VOB4-0024.00 – The Right Choice: Careers in the
Forest Products Industry

VOB4-0025.01 – Master Tree Farmer II: Managing
the Forest Site

VOB4-0025.02 – Master Tree Farmer II: Silviculture
Prescriptions

VOB4-0025.03 – Master Tree Farmer II: Controlling
Unwanted Vegetation

VOB4-0025.04 – Master Tree Farmer II: Forest
Health

VOB4-0025.05 – Master Tree Farmer II: Best
Practices Management

VOB4-0025.06 – Master Tree Farmer II: Forest
Measurements and Products

VOB4-0025.07 – Master Tree Farmer II: Advanced
Wildlife Management Concepts

VOB4-0026.00 – The Southeastern Forest

Continued



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Project Resources!

Supplementary: (continued)

Items available from the AV Reference Room
Concerning Forestry or Insects -

V0B4-0027.01 – Master Tree Farmer 2004: Terms
Concepts, Management Planning

V0B4-0027.02 – Master Tree Farmer 2004:
Taxation, Economics, Estate Planning

V0B4-0027.03 – Master Tree Farmer 2004:
Managing Stands, Natural and Intensive Pine
Management

V0B4-0027.04 – Master Tree Farmer 2004:
Introduction to Hardwood Management

V0B4-0027.06 – Master Tree Farmer 2004:
Management Opportunities

V0B4-0027.07 – Master Tree Farmer 2004: Forestry
Services, Current Issues

V0B5-0062.00 – Project Learning Tree

V0B5-0203.00 – Gee Whiz in Agriculture Wood You
Take Care of Me?

V0B1-0001.01 – Insect Collecting For 4-H, Part 1

V0B1-0001.02 – Insect Collecting For 4-H, Part 2

V0B1-0001.03 – Insect Collecting For 4-H, Part 3

V0B1-0002.00 – Butterfly Gardening

V0B1-0003.00 – 4-H Entomology Linnaean Bowl

S0B5-0033.00 – Exploring The Curious World of
Insects

V0B5-0184.05 – Tell Me Why, Part 5, Insects

V0B5-0201.00 – Gee Whiz In Agriculture What's
Bugging You?

Continued



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Project Resources!

Supplementary: (continued)

"Forests of Fun" National Curriculum

 "Follow the Path" – Level 1

 "Reach for the Canopy" – Level 2

 "Explore the Deep Woods" – Level 3

 Helper's Guide

More information can be found at <http://www.n4hccs.org> or from the MSU Extension Service 4-H Office.



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Project Activity

Suggestions!

Workshop Ideas: Many

Tour/Field Trip Ideas: Many

Continue for more suggestions





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Project Activity

Suggestions!

4-H Forestry Club Planning Calendar

(Some suggested monthly meeting topics and activities)



January

- Any activity you choose from the 4-HCCS "Forests of Fun" Activity Guides.
- Make forestry exhibits and encourage members to use them in 4-H visual presentation contests.
- Study tree identification.
- Discuss tree growth and how to "read" annual rings.



February

- Any activity you choose from the 4-HCCS "Forests of Fun" Activity Guides.
- Participate in Arbor Day celebration. (may be in a later month in your area)
- Plant a "special occasion" tree as a club project in a public place.
- Contact a local forester and take the club on a "prescribed burning or wildlife field trip" to see an area that has been burned. Discuss findings.

More Ideas 



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Project Activity

Suggestions!

4-H Forestry Club Planning Calendar

(Some suggested monthly meeting topics and activities)



March

- Any activity you choose from the 4-HCCS "Forests of Fun" Activity Guides.
- Study tree identification to prepare for district competition. Contact a forester to help 4-H'ers learn tree identification in the field.
- Visit a local Christmas tree plantation to see shearing operations.
- Learn and practice how to measure standing timber by using a tree scale stick.
- Visit state forestry agency nursery to observe planting tree seed.



April

- Any activity you choose from the 4-HCCS "Forests of Fun" Activity Guides.
- Have a "big tree hunt" field trip in your county.
- Learn and practice how to measure standing timber using tree scale stick.
- Investigate the National 4-H Forestry Invitational competition.



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Project Activity

Suggestions!

4-H Forestry Club Planning Calendar

(Some suggested monthly meeting topics and activities)



May

- Any activity you choose from the 4-HCCS "Forests of Fun" Activity Guides.
- Study the story of annual rings in trees. What do they mean?
- Why are some wide and others narrow? etc.
- Develop a forestry subject into a visual presentation and present it to your family.



June

- Any activity you choose from the 4-HCCS "Forests of Fun" Activity Guides.
- Participate in state and district 4-H forestry contests.
- Study tree identification from the wildlife viewpoint. What are the best tree species for wildlife? Make a visual presentation to give at your club meeting.

More Ideas 



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Suggestions!

4-H Forestry Club Planning Calendar

(Some suggested monthly meeting topics and activities)



July

- Any activity you choose from the 4-HCCS "Forests of Fun" Activity Guides.
- Visit a local wood yard to learn about the pulpwood industry.
- Visit a local tree farm and discuss forest management with the owner.



August

- Any activity you choose from the 4-HCCS "Forests of Fun" Activity Guides.
- Visit a harvesting operation.
- Study tree identification.

More Ideas 



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Project Activity

Suggestions!

4-H Forestry Club Planning Calendar

(Some suggested monthly meeting topics and activities)



September

- Any activity you choose from the 4-HCCS "Forests of Fun" Activity Guides.
- Collect tree seeds for planting.
- Visit your state forest agency nursery near you.



October

- Any activity you choose from the 4-HCCS "Forests of Fun" Activity Guides.
- Collect seeds for planting.
- Visit your state forest agency nursery near you.
- Take a hike in the woods and identify trees.

More Ideas 



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Project Activity

Suggestions!

4-H Forestry Club Planning Calendar

(Some suggested monthly meeting topics and activities)



November

- Any activity you choose from the 4-HCCS "Forests of Fun" Activity Guides.
- Plant tree seed in forest nursery and prepare for winter.
- Visit a local Christmas tree plantation as a club trip.
- Study the major tree species used for Christmas trees.



December

- Any activity you choose from the 4-HCCS "Forests of Fun" Activity Guides.
- Visit a local Christmas tree plantation.

Also see Publication #1205 *"Welcome to 4-H Forestry"* for a subject list.

More Ideas →



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Project Activity

Suggestions!

4-H Forestry Club Planning Calendar Form (sample)

4-H FORESTRY CLUB PLANNING CALENDAR
YEAR _____

Leader _____
Club Name _____
County _____

<u>MONTH</u>	<u>MEETING ACTIVITY</u>	<u>RESOURCES</u>
Example: January	"Water on the Move"	4-HCCS Guide 2
February	Arbor Day and Tree Planting Week Program	Local friends/groups
March	Prescribed Burning or Wildfire Field Trip	State Agency Forester

January _____
February _____
March _____
April _____
May _____
June _____
July _____

<u>MONTH</u>	<u>MEETING ACTIVITY</u>	<u>RESOURCES</u>
August	_____	_____
September	_____	_____
October	_____	_____
November	_____	_____
December	_____	_____

To see the forms larger
click on the form

4-H FORESTRY CLUB PLANNING CALENDAR

YEAR _____

Leader _____

Club Name _____

County _____

MONTH

MEETING ACTIVITY

RESOURCES

Example:

January	“Water on the Move”	4-HCCS Guide 2
February	Arbor Day and Tree Planting Week Program	Local friends/groups
March	Prescribed Burning or Wildfire Field Trip	State Agency Forester

January _____

February _____

March _____

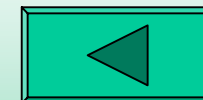
April _____

May _____

June _____

July _____

4-H Forestry Club Planning Calendar Form (page 1)



MONTH

MEETING ACTIVITY

RESOURCES

August

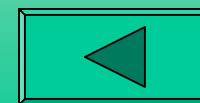
September

October

November

December

4-H Forestry Club Planning Calendar Form
(page 2)





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Competitive Activities!

Ask your Extension Agent for

Publication #1991

**"4-H Forestry Competition
Handbook".**

**This describes the 4-H Forestry
Competition!**






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Competitive Activities!

Junior Age Level (8-13)

Judging: The contest shall consist of three sections:

-  Tree identification – identify 20 leaf mounts
-  Tree Measurement – measure 3 standing trees
-  Forest Knowledge – 20 question written test



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Competitive Activities!

Visual Presentation: (Junior and Senior)

Contest Area	10-11 Year Old Junior	12-13 Year Old Junior	14-18 Year Old Senior
Conservation (includes Wildlife & Forestry)	X	X	X



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Competitive Activities!

Miscellaneous: (Junior and Senior)

Fair exhibits/performances:

(Project exhibits based on any of the 4-H Forestry project publications listed below may be shown at the Mississippi State Fair, 4-H Village)

- Lot #2 Tree Planting, Publication 1203
- Lot #3 Big Tree Contest, Publication 1228
- Lot #4 Know Your Trees, Publication 1242
- Lot #5 Developing Your Own Forestry Library, Publication 1305
- Lot #6 Forest Nurseries, Publication 1408
- Lot #7 Measuring Standing Sawtimber, Publication 1473
- Lot #9 Identifying Forest Insects and Diseases, Publication 1687
- Lot #10 Making a Tree Scale Stick, Publication 1686

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Competitive Activities!

Miscellaneous: (Junior and Senior)

Fair exhibits/performances:

(Project exhibits based on any of the 4-H Forestry project publications listed below may be shown at the Mississippi State Fair, 4-H Village)

Lot #11 Leaf Collection Exhibit. 25 different trees species in an orderly collection mounted on Extension leaf mounting cards covered with clean contact paper. Be sure to provide protection for your leaf samples during shipment to State Fair.

Lot #12 Miscellaneous Forestry Topics. Any forestry topic about which you would like to create an exhibit may be entered in this category. Welcome to 4-H Forestry, Publication 1205 has many suggested forestry topics to be developed into projects that would make excellent exhibits. In addition, beginning in 2005 a new national 4-H Forestry curriculum entitled "Forests of Fun" is available. This series of 3 activity guides presents a wealth of potential projects for State Fair exhibits. Contact your 4-H Youth Agent to get "Forests of Fun" or visit the 4-H Cooperative Curriculum System website at www.n4hccs.org.

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Competitive Activities!

Miscellaneous: (Junior and Senior)

Fair exhibits/performances:

(Project exhibits based on any of the 4-H Forestry project publications listed below may be shown at the Mississippi State Fair, 4-H Village)

A few of these forestry project activities give instructions on how to create an exhibit, but all the subjects taught in these activities can be used to create an exhibit for state fair. Use your imagination and creativity to develop attractive forestry exhibits. Please be mindful of the size limitations of the fair exhibit space and make your exhibits within the rules mentioned in the state fair brochure. Remember to make your exhibit material as organized and attractive as you can.

For more information, contact Extension Forestry Department at 601-325-3150.

You can also refer to the fair exhibit list on the 4-H website, select "Environmental Shop Division".

http://msucares.com/4h_Youth/4hfair/index.html/







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Competitive Activities!

Senior Age Level (14-18)

Judging: The contest shall consist of four sections:

-  Tree identification - identify 50 trees
-  Tree Measurement – measure 10 standing trees
-  Forest Knowledge – 50 question written test
-  Forest Insect and Disease Identification – identify 20 insects and/or diseases



4-H Forestry Project

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Ideas For Awards and Recognition!

Certificates

Medals

Trophies

Plaques

Cash

Trips



4-H Forestry Project

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Opportunities Beyond County, District & State Levels:

(Regional and national events and activities related to project)

National 4-H Forestry Invitational held each July at Jackson's Mill State 4-H Conference Center in Weston, West Virginia.

The state champion 4-H Forestry Senior team wins an expense paid trip to the Invitational to represent Mississippi.



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For more information:

Contact Your County Extension 4-H Agent

Read about the National 4-H Forestry Invitational
on the 4-H Forestry web page at

http://www.msucares.com/4h_Youth/4hforestry/

It's a GREAT trip!

**Information taken from the
4-H Program Manual and
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The End

Mississippi State
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