

# Mississippi 4-H Project Enrollment Guide

*4-H is a community of young people across America who are learning leadership, citizenship, and life skills.*



## A Message to Parents

We are pleased your child has enrolled in 4-H, and we hope you will choose to be an active partner with your child in this experience. 4-H volunteer leaders tell us 4-H members are more successful and experience more personal growth if their parents keep informed and involve themselves in the 4-H program. Your child will need your encouragement and, often, your help in getting to meetings and activities and in completing project work at home. A shared interest in a 4-H project can help span a generation gap.

A volunteer leader at the club level and an Extension 4-H youth agent at the county level will guide your child's 4-H experience. They will be pleased to talk with you and answer any questions you may have.

A sample enrollment form is found in this publication. Please help your child complete the form. The information can be transferred to an official enrollment form and returned to the club volunteer leader at the next meeting.

## How to Use this Guide

This publication is designed to serve as a guide for 4-H volunteer leaders and parents as they help youth select 4-H projects. The project manual and other suggested materials are listed under each project. These materials should be given to youth when they select their project(s).

Be selective in your choices because project manuals can be expensive. Project manuals are written in levels. Work with the Extension 4-H agent or program associate to select the appropriate level for the 4-H member. Most 4-H members begin with Level I of the project.

Best wishes in your work with Mississippi's most valuable resource—its youth.

## 4-H Basics

### 4-H Pledge

I pledge:

My Head to clearer thinking

My Heart to greater loyalty

My Hands to larger service

My Health to better living for my club, my community, my country, and my world.

### 4-H Motto

"To Make the Best Better"

### 4-H Colors

Green and White

Green – Nature's most common color is symbolic of springtime, life, and youth.

White – Symbolizes purity and high ideals.

### 4-H Slogan

"Learn by Doing"

### Rights of a 4-H member

As a 4-H member, you are entitled to—

- enroll in the 4-H project(s) of your choice.
- participate in county 4-H activities.
- enter any 4-H contest you are eligible for.
- wear the 4-H member pin.

### Responsibilities of a 4-H member

As a 4-H member, you must—

- complete your 4-H project.
- keep a record of your 4-H work and turn your record in to your 4-H volunteer.
- give visual presentations or talks on your 4-H project(s).
- enter contests.
- make exhibits of your project work.
- attend club meetings.
- take part in club activities.
- take part in county workshops and clinics.
- assist younger members.
- encourage others to join 4-H.
- know the 4-H Pledge and 4-H Motto.
- let parents and friends know about 4-H.

## **4-H Creed**

I believe in 4-H club work for the opportunity it gives me to become a useful citizen.

I believe in the training of my Head for the power it will give me to think, plan, and reason.

I believe in the training of my Heart for the nobleness it will give me to be kind, sympathetic, and true.

I believe in the training of my Hands for the ability it will give me to be helpful, skillful, and useful.

I believe in the training of my Health for the strength it will give me to enjoy life, resist disease, and work efficiently.

I believe in my country, my state, my community, and in my responsibility for their development.

In all these things I believe, and I am willing to dedicate my efforts to their fulfillment.

## **The Four Essential Elements of 4-H**

In 1999, National 4-H identified four critical elements of the 4-H experience. These are woven throughout all 4-H programs.

**MASTERY:** By exploring 4-H projects and activities, youth master skills to make positive career and life choices. 4-H provides a safe environment to make mistakes and receive feedback, and youth can discover their capabilities while meeting new challenges.

**GENEROSITY:** By participating in 4-H community service and citizenship activities, youth can connect to communities and learn to give back to others. These connections help youth find and fulfill their life's purpose.

**INDEPENDENCE:** By exercising independence through 4-H leadership opportunities, youth mature in self-discipline and responsibility, learn to better understand themselves, and become independent thinkers.

**BELONGING:** Through 4-H, youth can develop long-term, consistent relationships with adults other than their parents and learn that they are cared about by and connected to others. 4-H gives youth the opportunity to feel physically and emotionally safe in a group setting.

## **Contents**

---

4-H projects and activities are listed by category. For example, "Forestry" is listed under the Environmental Education category.

Your Extension 4-H agent or program associate can answer questions that will help members, parents, and leaders select 4-H projects and activities.

Curricula with "CCS" in the number can be ordered from the Cooperative Curriculum System (<http://www.n4hccs.org>) or through the Mississippi 4-H Department annual order at a reduced cost. For more information, contact your 4-H agent.

### **1. Exploring Projects**

Exploring 4-H

### **2. Animal Sciences**

Beef  
Dairy  
Dog Care  
Cats  
Exploring Farm Animals  
Meat Goat  
Dairy Goat

Horses  
Meat Science  
Pet Care  
Poultry  
Rabbits  
Sheep  
Swine  
Veterinary Science

### **3. Communications and Expressive Arts**

Communications/Expressive Arts  
Photography  
Public Speaking

### **4. Family and Consumer Sciences**

Child Development  
Clothing and Textiles  
Clothing Selection  
Consumer Education  
Microwave Magic  
Foods and Nutrition  
Food Preservation  
Housing and Interior Design

### **5. Environmental Education**

Exploring Your Environment  
4-H Shooting Sports

Forestry  
Conservation  
Sportfishing  
Wildlife

### **6. Personal Development and Leadership**

Career Exploration  
Citizenship  
Leadership  
Personal Development  
Health

### **7. Plant Sciences**

Field Crops  
Gardening and Horticulture

### **8. Other Projects**

Entomology  
Economics, Business, and Marketing

### **9. Science and Technology**

Automotive  
Bicycle  
Computer Technology  
Electricity  
Engines/Tractors (Small Engines)  
Wood Science

# MISSISSIPPI STATE UNIVERSITY EXTENSION SERVICE 4-H INDIVIDUAL ENROLLMENT FORM

OFFICE USE ONLY  
Date Member Entered \_\_\_\_\_



Club Name \_\_\_\_\_ Club/Unit No. \_\_\_\_\_ County \_\_\_\_\_  
OFFICE USE

Name \_\_\_\_\_  
Title \_\_\_\_\_ First \_\_\_\_\_ Middle \_\_\_\_\_ Preferred \_\_\_\_\_ Last \_\_\_\_\_ Suffix \_\_\_\_\_

Mailing Address \_\_\_\_\_  
Street Route Box \_\_\_\_\_

City/Town \_\_\_\_\_ State \_\_\_\_\_ ZIP Code \_\_\_\_\_

Home Phone ( ) \_\_\_\_\_ Cell Phone ( ) \_\_\_\_\_

E-mail Address \_\_\_\_\_

The purpose of the following is only to gather statistics and determine compliance with Civil Rights laws.

**Race/ethnic origin:**

- American Indian or Alaskan Native
- Asian or Pacific Islander
- Black
- Hispanic
- White
- Other \_\_\_\_\_

**Gender:**

- Male
- Female

**Residence:**

- Farm
- Rural area or town of less than 10,000
- Town or city of 10,000-50,000
- Suburb of a city more than 50,000
- City of more than 50,000

---

**PARENT OR GUARDIAN INFORMATION:**


---

Names \_\_\_\_\_

Addresses \_\_\_\_\_

Occupations \_\_\_\_\_

Phones H ( ) \_\_\_\_\_ Cell ( ) \_\_\_\_\_

H ( ) \_\_\_\_\_ Cell ( ) \_\_\_\_\_

W ( ) \_\_\_\_\_ Fax ( ) \_\_\_\_\_

W ( ) \_\_\_\_\_ Fax ( ) \_\_\_\_\_

( ) Okay to call at work

( ) Okay to call at work

E-mail \_\_\_\_\_

E-mail \_\_\_\_\_

Have you ever been a member of 4-H? Yes  No

Yes  No

Are you interested in assisting with club activities? Yes  No

Yes  No

**Applicant:** I have read and completed this enrollment form, including project selection.

4-H'er \_\_\_\_\_

Date \_\_\_\_\_

Parent/Guardian \_\_\_\_\_

Date \_\_\_\_\_

4-H Leader \_\_\_\_\_

Date \_\_\_\_\_

# PROJECT CODE REPORT

<i>Mississippi 4-H Project Code</i>	<i>Description</i>	<i>Mississippi 4-H Project Code</i>	<i>Description</i>
	<b>CITIZENSHIP</b>		<b>INTERIOR DESIGN</b>
AB	Public Adventures	CD	Interior Design
	<b>CULTURAL EDUCATION</b>		<b>ENVIRONMENTAL STEWARDSHIP</b>
AC1	Cultural Education Unit 1	DA	Environmental Stewardship
AC2	Cultural Education Unit 2		<b>WATER RICHES</b>
	<b>COMMUNICATIONS</b>	DBD	Water Riches
BAA	Public Speaking		<b>SHOOTING SPORTS</b>
BA01	Exploring Comm. Unit 1	DEBAR	Archery
BA02	Exploring Comm. Unit 2	DEBBP	Muzzleloader
BA03	Exploring Comm. Unit 3	DEBPI	Pistol
BA04	Exploring Comm. Unit 4	DEBRI	Rifle
BA05	Exploring Comm. Unit 5	DEBSF	Fishing For Adventure
BA06	Exploring Comm. Unit 6	DDSF1	Sport Fishing
BA07	Exploring Comm. Unit 7	DDSF2	Sport Fishing
BA08	Exploring Comm. Unit 8	DDSF3	Sport Fishing
BA09	Exploring Comm. Unit 9	DDSG	Shotgun
BA10	Debate: Formal Argument		<b>FORESTRY</b>
BB	Expressive Arts	DDA	Forestry
BBC1	Theater Art	DDA1	Forestry
BBC2	Theater Art	DDA2	Forestry
BBC3	Theater Art	DDA3	Forestry
BBC4	Theater Art		Woods
	<b>PHOTOGRAPHY</b>		<b>WILDLIFE</b>
BC	Palette of Fun		
BCD-A	Adventures with Your Camera	DDC	
BCD-B	Adventures with Your Camera		<b>FOOD AND NUTRITION</b>
BCD01	Photography – Adventure	ECA	EFNEP
BCD02	Photography – Exploring	ECBD1	Breads – Quick Breads
BCD03	Photography – Darkroom	ECBD2	Breads – Yeast Breads
BCD04	Photography – Slide Shows	ECC	Food Preservation
BCD05	Photography – Publicity Photos	ECDF	Dairy Foods
BCD06	Photography – Careers	ECFN1	Food and Nutrition Unit 1
BCD07	Photography – Adjustable Cameras	ECFN2	Food and Nutrition Unit 2
BCD08	Photography – Videos and Movies	ECFN3	Food and Nutrition Unit 3
BCD09	Photography – Investigating Portraits	ECFN4	Food and Nutrition Unit 4
BCD10	Photography – Color Printing Tech	ECD	FSNEP
BCD11	Photography – Experiment with Enlarger		
	<b>CHILD DEVELOPMENT</b>		<b>HEALTH</b>
CA1	Child Development	EDB	Health
CA2	Child Development	EDB1	Health A It's Your Choice
CA3	Child Development	EDB2	Health B It's Your Choice
	<b>CLOTHING</b>	EDBA	Body Walk
CBCS	Clothing Selection	EDBB	Health Rocks
CBCS -1	Clothing Selection		<b>SAFETY</b>
CBCS -2	Clothing Selection	EE	Safety
CBCT -1	Clothing and Textiles Unit 1	EEA	ATV
CBCT -2	Clothing and Textiles Unit 2		<b>CAREER EXPLORATION</b>
CBCT -3	Clothing and Textiles Unit 3	FA	Career Exploration
CBCT -A	Clothing Textiles	FA1	Wild Over Work (WOW)
CBCT -B	Clothing Textiles	FCA	Mini Society
CBCT -C	Clothing Textiles	FCB	Reality Check
	<b>CONSUMER EDUCATION</b>		<b>BEGINNING PROJECTS</b>
CC1	Home Management/Consumer Education 1	FD1	Exploring 4-H (This is 4-H)
CC2	Home Management/Consumer Education 2	FD2	Cloverbud
CC3	Home Management/Consumer Education 3	FD3	This is 4-H
CC4	Financial Champions/Money Fundamentals		
CC5	Financial Champions/Money Moves		
CC6	Financial Champions/Helper's Guide		

# PROJECT CODE REPORT

---

<i>Mississippi 4-H Project Code</i>	<i>Description</i>	<i>Mississippi 4-H Project Code</i>	<i>Description</i>
	<b>LEADERSHIP</b>		<b>PLANTS AND ANIMALS</b>
FF	Leadership	GCA	Field Crops
FF1	Leadership 2000	GCB	Garden – Flowers/House Plant
FF2	Leadership 2001	GCB1	Jr. Master Gardener
	<b>LEISURE EDUCATION</b>	GCC	Garden-Fruits and Vegetables
FG	Leisure Education	GCD	Gardening – Ornamental
	<b>PERSONAL DEVELOPMENT</b>		<b>VETERINARY SCIENCE</b>
FH	Personal Development, General	HBI1	Vet Science – Unit 1
FH1	Personal Development – Ages 10-11	HBI2	Vet Science - Unit 2
FH2	Personal Development – Ages 12-13	HBI3	Vet Science – Unit 3
FH3	Personal Development – Ages 14-18		
FHA	Character Education, General	<b>ENTOMOLOGY</b>	
FHB	Character Critters	HBC	Entomology and Bees
	<b>ANIMAL SCIENCES</b>	HBC1	Entomology
GA	Exploring Farm Animals	HBC2	Entomology
GA1	Food, Land, & People	HBC3	Entomology
GBB	Beef		<b>MEAT SCIENCE</b>
GBB1	Beef	HBF	Meat Science
GBB2	Beef		<b>PLANT &amp; SOIL SCIENCE</b>
GBB3	Beef	HBG	Plant and Soil Science
GBC	Poultry		<b>EMBRYOLOGY</b>
GBC1	Poultry – Unit 1	HBH1	Embryology Level 1
GBC2	Poultry – Unit 2	HBH2	Embryology Level 2
GBD	Cats		<b>ENGINEERING</b>
GBD1	Cats	HCA1	Aerospace Adventures, Stage 1
GBD2	Cats	HCA2	Aerospace Adventures, Stage 2
GBD3	Cats	HCA3	Aerospace Adventures, Stage 3
GBE	Dog Care	HCA4	Aerospace Adventures, Stage 4
GBE1	Dogs	HCB1	Automotive Unit 1
GBE2	Dogs	HCB2	Automotive Unit 2
GBE3	Dogs	HCB3	Automotive Unit 3
GBF1	Dairy Animals	HCC	Bicycle
GBF2	Dairy Animals	HCC1	Bicycle Adventures, Level 1
GBF3	Dairy Animals	HCC2	Bicycle Adventures, Level 2
GBF1	Dairy Jr. 4-H Dairy Product	HCC3	Bicycle Adventures, Level 3
GBF2	Dairy Sr. 4-H Dairy Product	HCDA	Computer Mysteries, Level 1
GBG	Goats	HCDB	Computer Mysteries, Level 2
GBG1	Goats	HCDC	Computer Mysteries, Level 3
GBG2	Goats	HCEA	Electric Excitement, Level 1
GBG3	Goats	HCEB	Electric Excitement, Level 2
GBH	Horse Book in a Bucket	HCEC	Electric Excitement, Level 3
GBH1	Horse	HCED	Electric Excitement, Level 4
GBH2	Horse	HCG1	Engines/Tractors Unit 1
GBH3	Horse	HCG2	Engines/Tractors Unit 2
GBH4	Horse	HCG3	Engines/Tractors Unit 3
GBI1	Rabbits	HCG4	Engines/Tractors Unit 4
GBI2	Rabbits	HCGA	Small Engines, Level 1
GBI3	Rabbits	HCGB	Small Engines, Level 2
GBJ	Sheep	HCGC	Small Engines, Level 3
GBJ1	Sheep		<b>WOOD SCIENCES</b>
GBJ2	Sheep	HCHA	Wood Working Wonders, Level 1
GBJ3	Sheep	HCHB	Wood Working Wonders, Level 2
GBK	Pets Other Than Dogs	HCHC	Wood Working Wonders, Level 3
GBK1	Pets Other Than Dogs	HCHD	Wood Working Wonders, Level 4
GBK2	Pets Other Than Dogs		
GBK3	Pets Other Than Dogs		
GBL	Swine		
GBL1	Swine		
GBL2	Swine		
GBL3	Swine		

# PROJECT ENROLLMENT

Code	Project Name	Need Project Book

(Optional)

Read the following statements and check one blank for each.

## Learning Through 4-H

1. I have learned and actually used one or more new things because of my involvement in 4-H.

Yes  No

2. I have changed the way I do one or more things because of what I have learned in 4-H.

Yes  No

## Leadership and Community Service Report

1. About how many hours did you spend participating in community-service programs last year?

hours

2. Did you conduct (act as leader for) a community-service program last year?

Yes  No

If "yes," how many programs did you conduct?

programs

3. About how many hours did you spend **last year** preparing for and/or conducting educational programs (talks, demonstrations, workshops, etc.)?

hours



Produced by Agricultural Communications.

We are an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.

Extension Service of Mississippi State University, cooperating with U.S. Department of Agriculture. Published in furtherance of Acts of Congress, May 8 and June 30, 1914. GARY B. JACKSON, Director  
Form 135 (POD-08-15)

## 1. Exploring Projects

### *Project Title*

Exploring 4-H

### *Brief Description*

Youth experience the challenge and excitement of exploring the joys of 4-H through learn-by-doing experiences. Youth ages 7 to 9 are able to discover their interests and identify potential 4-H projects in working through the activities with an adult leader or parent.

### *Curricula*

CCS curriculum:

Exploring the Treasures of 4-H

BU-08171

Helper's Guide BU-08172

### *Term*

Short to Long

### *Contests*

Cloverleaf Exhibits at District Project

Achievement Days (Junior)

Mississippi 4-H Record Book

### *Educational Activities*

Workshops related to Exploring Your Environment project at the local and county levels

### *Record Book Category*

Achievement/Leadership

### *4-H BIZ IDEAS*

Youth explore the joys of 4-H by discovering their interests and potential 4-H projects, and by finding 4-H where they live with guidance from parents or other adult helpers. They will encounter activities and information on potential careers.

## 2. Animal Sciences

### *Project Title*

Beef

### *Brief Description*

The 4-H Beef Project teaches about selecting, feeding, managing, and marketing beef cattle. Participants learn life skills such as responsibility, decision-making, sportsmanship, teamwork, family involvement, record keeping, and leadership.

### *Curricula*

CCS curriculum:

Unit 1 – Bite into Beef BU-08143

Unit 2 – Here's the Beef

BU-08144

Unit 3 – Leading the Charge

BU-08145

Helper's Guide BU-018146

Project Online Site –

[www.n4hccs.org/beef](http://www.n4hccs.org/beef)

### *Term*

Long

### *Contests*

Major Mississippi livestock shows

District and county shows

Livestock Judging Contest at State Fair

Premiere Exhibitor Program

Beef Ambassador

Beef Cook-Out Contest

Visual Presentation Contest at State

4-H Congress (Senior)

Visual Presentation Contest at

District Project Achievement Days

(Junior)

Mississippi 4-H Record Book

### *Educational Activities*

These activities and events are held at the county, district, and state levels, but the locations and times will vary.

### *Record Book Category*

Beef

### *4-H BIZ IDEAS*

The 4-H Beef Project is an excellent start for a small cattle operation or for learning about exciting careers in the beef industry. By learning the basic concepts of animal husbandry and the beef industry, 4-H members can buy and sell animals and establish an income-producing business, learn the "art" of judging and showing cattle, and explore career opportunities. For more information on the Mississippi 4-H Beef Project, visit [http://msucares.com/4h\\_Youth/4hlivestock/index.html](http://msucares.com/4h_Youth/4hlivestock/index.html).

### *Project Title*

Dairy Cattle

### *Brief Description*

The 4-H Dairy Project offers members an opportunity to select, feed, and manage dairy cattle. A member may select a calf, heifer, or cow as

a project and compete in ethical and competitive shows. However, a 4-H'er does not have to own an animal to enroll in this project. The project teaches life skills such as responsibility, decision-making, sportsmanship, teamwork, and family involvement to youth.

### *Curricula*

CCS curriculum:

Unit 1 – Cowabunga! BU-08161

Unit 2 – Moooving Ahead

BU-08162

Unit 3 – Rising to the Top

BU-08163

Helper's Guide BU-08164

Project Online Site –

[www.n4hccs.org/dairycattle](http://www.n4hccs.org/dairycattle)

### *Term*

Long

### *Contests*

Major Mississippi dairy shows

District and county shows

Dairy Judging Contest

Premiere Exhibitor Program

Dairy Bowl

Dairy Products Judging Contest

Dairy Poster Contest

Dairy Sweetheart Contest

Visual Presentation Contest at State

4-H Congress (Senior)

Visual Presentation Contest at

District Project Achievement

Days (Junior)

Mississippi 4-H Record Book

### *Educational Activities*

These activities and events are held at the county, district, and state levels, but the locations and times will vary. Some include judging clinics and workshops, grooming workshops, record workshops, etc.

### *Record Book Category*

Dairy

### *4-H BIZ IDEAS*

The 4-H Dairy Project is an excellent start for a small dairy operation or for learning about exciting careers in the dairy industry. By learning the basic concepts of animal husbandry and the dairy industry, 4-H members can buy and sell animals and establish an income-producing business, learn the "art" of judging and showing

dairy cattle, and explore career opportunities.

#### **Project Title**

Dog Care

#### **Brief Description**

Participants learn the care, training, and production of dogs.

#### **Curricula**

CCS curriculum:

Unit 1 – Wiggles and Wags

BU-08166

Unit 2 – Canine Connection

BU-08167

Unit 3 – Leading the Pack

BU-08168

Helper's Guide BU-08169

Project Online Site –

[www.n4hccs.org/dog](http://www.n4hccs.org/dog)

#### **Term**

Ongoing

#### **Contests**

Visual Presentation Contest at State 4-H Congress (Senior)

Visual Presentation Contest at District Project Achievement Days (Junior)

Mississippi 4-H Record Book

Local dog shows

#### **Educational Activities**

These activities and events are held at the county, district, and state levels, but the locations and times will vary. Some include judging clinics, grooming workshops, record workshops, etc.

#### **Record Book Category**

Pet Care

#### **4-H BIZ IDEAS**

Every youth who has a dog will enjoy this project. Not only are the activities fun and educational, but they also help the pet dog become a perfect member of the family. Youth learn basic skills for dog care and training; explore more about dog health, nutrition, and care; and learn about genetic problems, population control, showmanship, training, ethics, and budgeting. Experienced youth investigate responsible breeding, diseases, caring for geriatric dogs,

training, service dogs, dog roles, and careers related to dogs. Youth are provided with numerous leadership opportunities.

#### **Project Title**

Cat

#### **Brief Description**

Participants learn proper methods of selecting, feeding, raising, breeding, and training cats.

#### **Curricula**

CCS curriculum:

Unit 1 – Purr-fect Pals BU-08148

Unit 2 – Climbing Up BU-08149

Unit 3 – Leaping Forward BU-08150

Helper's Guide BU-08151

Project Online Site –

[www.n4hccs.org/cat](http://www.n4hccs.org/cat)

#### **Term**

Ongoing

#### **Contests**

Visual Presentation Contest at State 4-H Congress (Senior)

Visual Presentation Contest at District Project Achievement Days (Junior)

Mississippi 4-H Record Book

#### **Educational Activities**

These activities and events are held at the county, district, and state levels, but the locations and times will vary. Some include judging clinics and workshops, grooming workshops, record workshops, etc.

#### **Record Book Category**

Pet Care

#### **4-H BIZ IDEAS**

Youth will explore careers in pet care, sales and marketing, and veterinary professions.

#### **Project Title**

Exploring Farm Animals

#### **Brief Description**

Participants are introduced to farm animals with learn-by-doing activities led by an adult or teen helper. Horses, goats, rabbits, pets, beef cattle, pigs, poultry, and dairy cattle are explored. Youth learn the care and feeding for

farm animals, how to be safe around animals, species identification, products, terms, and animal body parts.

#### **Curricula**

CCS curriculum:

Exploring Farm Animals BU-06350

#### **Term**

Short

#### **Contests**

Cloverleaf Exhibits at District Project Achievement Days

#### **Educational Activities**

These activities and events are held at the county, district, and state levels, but the locations and times will vary. Some include judging clinics and workshops, grooming workshops, record workshops, etc.

#### **Record Book Category**

None

#### **4-H BIZ IDEAS**

Youth will explore careers in animal care, sales and marketing, and veterinary professions.

#### **Project Title**

Meat Goat

#### **Brief Description**

The 4-H Meat Goat Project involves raising and caring for live animals while learning about animal health and nutrition, breeding, selection, and marketing. The project teaches life skills such as responsibility, decision-making, sportsmanship, teamwork, family involvement, record keeping, and leadership.

#### **Curricula**

CCS curriculum:

Unit 1 – Just Browsing BU-07909

Unit 2 – Get Growing with Meat Goats BU-07910

Unit 3 – Meating the Future BU-07911

Helper's Guide BU-07912

Project Online Site –  
[www.n4hccs.org/meatgoat](http://www.n4hccs.org/meatgoat)

#### **Term**

Long

## **Contests**

Major Mississippi livestock shows  
 District and county shows  
 Premiere Exhibitor Program  
 Meat Goat Princess Contest  
 Visual Presentation Contest at State  
 4-H Congress (Senior)  
 Visual Presentation Contest at  
 District Project Achievement  
 Days (Junior)  
 Mississippi 4-H Record Book

## **Educational Activities**

These activities and events are held at the county, district, and state levels, but the locations and times will vary. Some include judging clinics and workshops, record workshops, etc.

## **Record Book Category**

Goat

## **4-H BIZ IDEAS**

The 4-H Meat Goat project is an excellent start for a small meat goat operation or for youth who wish to have a 4-H animal project but do not have a lot of space or resources. By learning the basic concepts of animal husbandry, 4-H members can establish an income-producing business with their animals and/or learn of careers in the goat industry or in general animal science.

## **Project Title**

Dairy Goat

## **Brief Description**

The 4-H Dairy Goat Project provides learning experiences in the production of milk, cheeses, and other quality products targeted at niche markets. Participants have the opportunity to select, feed, and manage dairy goats. The project teaches life skills such as responsibility, decision-making, sportsmanship, teamwork, family involvement, record keeping, and leadership.

## **Curricula**

CCS curriculum:  
 Unit 1 – Getting Your Goat BU-06162  
 Unit 2 – Stepping Out BU-06163  
 Unit 3 – Showing the Way BU-06164  
 Helper's Guide BU-06165  
 Kid Pattern BU-07514

## **Term**

Short to Long

## **Contests**

Major Mississippi livestock shows  
 District and county shows  
 Premiere Exhibitor Program  
 Dairy Goat Sweetheart Contest  
 Visual Presentation Contest at State  
 4-H Congress (Senior)  
 Visual Presentation Contest at  
 District Project Achievement  
 Days (Junior)  
 Mississippi 4-H Record Book

## **Educational Activities**

These activities and events are held at the county, district, and state levels, but the locations and times will vary. Some include judging clinics and workshops, grooming workshops, record workshops, etc.

## **Record Book Category**

Dairy Goat

## **4-H BIZ IDEAS**

The 4-H Dairy Goat Project is an excellent start for a small dairy goat operation. By learning the basic concepts of animal husbandry, 4-H members can establish an income-producing business with their animals. Opportunities also exist in selling the dairy goat products and innovative and creative products that utilize the goat milk and other goat products. Experiences in the 4-H Dairy Goat Project area can expose youth to career opportunities in both the goat industry and the general livestock industry.

## **Project Title**

Horse

## **Brief Description**

The 4-H Horse Project offers activities in horsemanship, horse development, management, and training.

## **Curricula**

CCS curriculum:  
 Unit 1 – Giddy Up and Go BU-08053  
 Unit 2 – Head, Heart, and  
 Hooves BU-08054  
 Unit 3 – Stable Relationships  
 BU-08055  
 Unit 4 – Riding the Range BU-08056

## **Unit 5 – Jumping to New Heights BU-08057**

Helper's Guide BU-08058

Project Online Site –  
[www.n4hccs.org/horse](http://www.n4hccs.org/horse)

## **Term**

Long

## **Contests**

Major Mississippi horse shows  
 National, regional, district, and  
 county shows  
 Horse Judging Contest  
 Hippology Contest  
 Horse Bowl Contest  
 Horse Public Speaking Contest  
 Horse Individual and Team  
 Demonstration Contest  
 Mississippi 4-H Record Book

## **Educational Activities**

These activities and events are held at the county, district, and state levels, but the locations and times will vary. Some include judging clinics and workshops, grooming workshops, record workshops, etc.

## **Record Book Category**

Horse

## **4-H BIZ IDEAS**

The 4-H Horse Project is an excellent start for a small horse operation. By learning the basic concepts of animal husbandry, 4-H members can buy and sell animals and establish an income-producing business. They also can learn the diverse and rewarding career options available to people who love horses.

## **Project Title**

Meat Science

## **Brief Description**

Youth learn to identify various cuts of meats and determine the relative quality of wholesale and retail cuts of meat. They learn of animal anatomy and preparation and presentation skills.

## **Curricula**

IS488 What You Should Know About Muscle, Bone Type, and Conformation  
 IS556 Let's Learn About Steers and Steaks

IS625 Round Steak  
IS1068 Meat Science – General Activity I  
IS1069 Meat Science – Beef Activity I  
IS1070 Meat Science – Lesson Plan  
IS1291 Red Meat – Cost Per Serving  
P1223 Meat Science – General Activity II  
P1467 Red Meats (Member’s Manual)  
P1469 4-H Project Guide – Processing Livestock

**Term**  
Long

**Contests**  
Meats Judging Contest at State 4-H Congress  
Meat Bowl at State 4-H Congress  
Potential to compete in national competition

**Educational Activities**  
Workshops related to Meat Science Project at the local and county levels

**Record Book Category**  
None

**4-H BIZ IDEAS**  
Meat packer/retail store owner, designer of meat labels, independent/government consultant, technical/computer tracking, tanner, restaurant owner, nutrition specialist, and transportation are just some of the potential careers explored in this project.

**Project Title**  
Pet Care

**Brief Description**  
Participants learn proper methods of selecting, feeding, raising, breeding, and marketing pets. They also learn how to make proper pet selections for their home environments and individual lifestyles.

**Curricula**  
CCS curriculum:  
Unit 1 – Pet Pals BU-06359  
Unit 2 – Scurrying Ahead BU-06360  
Unit 3 – Scaling the Heights BU-06361  
Helper’s Guide BU-06362

**Term**  
Ongoing

**Contests**  
Visual Presentation Contest at State 4-H Congress (Senior)  
Visual Presentation Contest at District Project Achievement Days (Junior)  
Mississippi 4-H Record Book  
Local pet shows

**Educational Activities**  
These activities and events are held at the county, district, and state levels, but the locations and times will vary. Some include judging clinics and workshops, grooming workshops, record workshops, etc.

**Record Book Category**  
None

**4-H BIZ IDEAS**  
Youth will explore careers in animal care, sales and marketing, and veterinary professions.

**Project Title**  
Poultry

**Brief Description**  
The 4-H Poultry Program offers many activities to youth of all ages. These activities include poultry production of all types, judging of poultry and poultry products, preparing foods using poultry products, and public presentations that utilize information learned from the many areas within the poultry program. Youth can compete in activities at the county, district, state, and national levels. Rewards include an increased appreciation for the influence of the poultry industry on our lives and recognition in the form of awards, prizes, trips, and even collegiate scholarships.

**Curricula**  
4-H Poultry Manual – Unit 1  
4-H Poultry Manual – Unit 2  
CCS curriculum:  
Scratching the Surface BU-06363  
Testing Your Wings BU-06364  
Flocking Together BU-06365  
Helper’s Guide BU-06366  
Set of 4 PC-06375

**Term**  
Short or Long

**Contests**  
Local, county, district, and state competitions  
National poultry competitions  
District and State Poultry Cook-off  
Poultry Egg Preparation Demonstration

**Educational Activities**  
These activities and events are held at the county, district, and state levels, but the locations and times will vary. Some include judging clinics and workshops, record workshops, etc.

**Record Book Category**  
Poultry

**4-H BIZ IDEAS**  
Youth will be exposed to career potentials in genetics, pharmaceuticals, nutrition engineering, production practices and management, food science, agri-business, technology, business, merchandising, and public relations.

**Project Title**  
Rabbit

**Brief Description**  
Participants learn proper methods of selecting, feeding, raising, breeding, and marketing rabbits. Market or breeding animals can be raised.

**Curricula**  
CCS curriculum:  
Unit 1 – What’s Hoppening? BU-08080  
Unit 2 – Making Tracks BU-08081  
Unit 3 – All Ears BU-08082  
Helper’s Guide BU-08083  
Rabbit Pattern BU-07199  
Project Online Site – [www.n4hccs.org/rabbit](http://www.n4hccs.org/rabbit)

**Term**  
Short or Long

**Contests**  
Visual Presentation Contest at State 4-H Congress (Senior)  
Visual Presentation Contest at District Project Achievement Days (Junior)

**Educational Activities**  
These activities and events are held at the county, district, and state levels, but the locations and times will vary.

Some include judging clinics and workshops, grooming workshops, record workshops, etc.

#### **Record Book Category**

None

#### **4-H BIZ IDEAS**

The 4-H Rabbit Project is an excellent start for a small rabbit operation. By learning the basic concepts of animal husbandry, 4-H members can buy and sell animals and establish an income-producing business.

---

#### **Project Title**

Sheep

#### **Brief Description**

The 4-H Sheep Project teaches youth to care for live animals while learning about animal health and nutrition, breeding, selection, and marketing. Participants also learn decision-making, sportsmanship, teamwork, family involvement, record keeping, and leadership.

#### **Curricula**

CCS curriculum:

Unit 1 – Lambs, Rams, and You  
BU-08370

Unit 2 – Shear Delight BU-08371

Unit 3 – Leading the Flock BU-08372

Helper's Guide BU-08373

Lamb Pattern BU-07514

Project Online Site –  
[www.n4hccs.org/sheep](http://www.n4hccs.org/sheep)

#### **Term**

Long

#### **Contests**

Major Mississippi livestock shows  
District and county shows  
Livestock Judging Contest at State Fair  
Sheep Premiere Exhibitor Program  
Visual Presentation Contest at State 4-H Congress (Senior)  
Visual Presentation Contest at District Project Achievement Days (Junior)  
Mississippi 4-H Record Book

#### **Educational Activities**

These activities and events are held at the county, district, and state levels, but the locations and times will vary. Some include judging clinics and

workshops, grooming workshops, record workshops, etc.

#### **Record Book Category**

Sheep

#### **4-H BIZ IDEAS**

The 4-H Sheep Project is an excellent start for a small sheep operation or just to learn the responsibilities and skills needed to raise sheep. By learning the basic concepts of animal husbandry and sheep production, 4-H members can establish an income-producing business with their animals. Experiences in the 4-H Sheep Project area can expose youth to career opportunities in both the sheep industry and the general livestock industry.

---

#### **Project Title**

Swine

#### **Brief Description**

Participants learn proper methods of selecting, feeding, raising, breeding, and marketing swine. Youth will learn about various breeds, swine anatomy, identifying pork cuts, ration and feeding practices, judging, fitting, and showing market hogs. Youth will plan a breeding system, judge breeding gilts, design a swine operation, complete a job application, explore career opportunities and international markets, plus many other challenging activities.

#### **Curricula**

CCS curriculum:

Unit 1 – The Incredible Pig BU-08065

Unit 2 – Putting the Oink in Pig  
BU-08066

Unit 3 – Going Whole Hog BU-08067

Helper's Guide BU-08068

Baby Pig Pattern BU-07201

Project Online Site –  
[www.n4hccs.org/swine](http://www.n4hccs.org/swine)

#### **Term**

Short or Long

#### **Contests**

Major Mississippi livestock shows  
District and county shows  
Livestock Judging Contest  
Swine Premiere Exhibitor Program  
Pork Cook-out Contest

Visual Presentation Contest at State 4-H Congress (Senior)

Visual Presentation Contest at District Project Achievement Days (Junior)  
Mississippi 4-H Record Book

#### **Educational Activities**

These activities and events are held at the county, district, and state levels, but the locations and times will vary. Some include judging clinics and workshops, grooming workshops, record workshops, etc.

---

#### **Record Book Category**

Swine

#### **4-H BIZ IDEAS**

The 4-H Swine Project is an excellent start for a small swine operation. By learning the basic concepts of animal husbandry, 4-H members can buy and sell animals, establish an income-producing business, and learn about career opportunities.

---

#### **Project Title**

Veterinary Science

#### **Brief Description**

Participants learn techniques and procedures involved in caring for animals. This project will lead youth through an exploration of the exciting world of veterinary science. Youth will practice veterinary science project skills as they learn to be knowledgeable and responsible animal caregivers. The project introduces youth to the normal animal, basic anatomy and systems, elementary principles of disease, and careers with animals.

#### **Curricula**

CCS curriculum:

Unit 1 – From Airdales to Zebras BU-08048

Unit 2 – All Systems Go BU-08049

Unit 3 – On the Cutting Edge  
BU-08050

Helper's Guide BU-08051

Set of 4 PC-08052

Project Online Site –  
[www.n4hccs.org/veterinaryscience](http://www.n4hccs.org/veterinaryscience)

#### **Term**

Long

<b>Contests</b>	Theatre Arts 2 – Become a Puppeteer BU-08071 Theatre Arts 3 – Set the Stage BU-08072 Helper's Guide PC-08073	M0727 Adventures with your ADJUSTABLE camera M0729 Action making videos and movies M0730 Investigating portraiture M0731 Color printing techniques M0732 Experimenting with your enlarger
<b>Educational Activities</b>		
MSU College of Veterinary Medicine Open House		
<b>Record Book Category</b>	<b>Contests</b>	<b>Term</b>
Veterinary Science	State 4-H Congress	Long
<b>4-H BIZ IDEAS</b>	<b>Educational Activities</b>	<b>Contests</b>
The 4-H Veterinary Science Project involves youth in in-depth study of animals and their care while providing preparation for college and exploration of the diversity of the veterinary profession.	Special events	Local, county, district, and state events
<hr/>		Visual presentation, judging, records, and exhibits
<b>3. Communications and Expressive Arts</b>	<b>Record Book Category</b>	Junior Photography Judging Contest
<b>Project Title</b>	None	Junior Photography Visual Presentation Contest
<b>Brief Description</b>	<b>4-H BIZ IDEAS</b>	Junior Photography Exhibit Contest
This project offers youth the opportunity to become involved in creative, exciting, and educational adventures. They will learn the expressions of human experiences in the form of dance, drama, music, photography, writing, needle art, cinematography, architecture, environmental design, or visual arts. They'll explore the personal dimension of feelings, sensitivity, empathy, and expression that provide balance for educational programs in 4-H, which puts primary emphasis on the objective mental operations required in science and technical studies.	Youth participating in this project will learn of careers that carry a demand for public speaking and presentation such as writing, broadcasting, acting, directing, and production.	Senior Photography Visual Presentation Contest
<hr/>		Senior Photography Workshop
<b>Curricula</b>	<b>Project Title</b>	Senior Photography Exhibit Contest
CCS curriculum:	Photography	<b>Educational Activities</b>
Communications 1 – Picking Up the Pieces BU-08156	Photography	Photography camps
Communications 2 – Putting it Together BU-08157	<b>Brief Description</b>	<b>Record Book Category</b>
Communications 3 – The Perfect Fit BU-08158	Photography is a challenging and fascinating project. Anyone can "snap" a picture, but only a good photographer can take a lifelike portrait. 4-H photography members study and practice the art of taking pictures. The project supplements other 4-H projects and activities. Photography may become a lifelong skill and hobby or a full-time career. Members may participate in visual presentation, judging, records, and exhibits.	None
Helper's Guide BU-08159	<b>Curricula</b>	<b>4-H BIZ IDEAS</b>
Theatre Arts 1 – Play the Role – Acting BU-08070	M1170 Adventures with Your Camera – Unit A M1171 Adventures with Your Camera – Unit B M0044 Exploring Photography M0332 Leader's Manual – Unit 1 M0046 Darkroom Techniques M0333 How to produce a slideshow M0338 Fitting a darkroom into your life M0339 Solving the mystery of publicity photos M0340 Making the most of your photo skills in your future career	Youth participating in this project will learn about careers in photo editing and photography.
<hr/>		<b>Project Title</b>
<b>Curricula</b>		Public Speaking
CCS curriculum:	<b>Brief Description</b>	<b>Curricula</b>
Communications 3 – The Perfect Fit BU-08158	Youth polish their communication skills and develop a public presence by speaking in public. Youth learn basics of types of speech and speech delivery. They prepare and deliver presentations and speeches.	CCS curriculum:
P1911 Exploring Communications – Show and Tell		Communications 3 – The Perfect Fit BU-08158
P1915 Exploring Communications – Informing Others		P1911 Exploring Communications – Show and Tell
P1916 Exploring Communications – Broadcast and Print		P1915 Exploring Communications – Informing Others

P1918 Exploring Communications – Speaking Extemporaneously	<b>Term</b> Ongoing	<b>Contest</b> Junior and Senior state contests
<b>Term</b> Long	<b>Contests</b> None	<b>Educational Activities</b> Workshops and tours
<b>Contests</b> Local, county, district, and state presentations and speeches	<b>Educational Activities</b> None	<b>Record Book Category</b> Clothing
<b>Educational Activities</b> Workshops and training clinics	<b>Record Book Category</b> None	<b>4-H BIZ IDEAS</b> Youth participants will explore careers in merchandizing, advertising, consulting, buying, design, etc.
<b>Record Book Category</b> Public Speaking	<b>4-H BIZ IDEAS</b> Participants will explore careers in child care and related fields.	<b>Project Title</b> Clothing Selection
<b>4-H BIZ IDEAS</b> The training received helps participating youth prepare for basically any future job by providing them with confidence and capabilities in presenting information, thoughts, and opinions in a public forum. Potential jobs include teaching, consulting, public relations, and many others.	<b>Project Title</b> Clothing and Textiles	<b>Brief Description</b> In the Clothing Selection Project, 4-H members will develop and apply decision-making skills in purchasing apparel and accessories based on individual resources and needs. Youth will acquire consumer skills and save family dollars while developing poise and self-confidence. Members can participate in visual presentation, judging, records, fashion revue, and exhibits.
<b>4. Family and Consumer Sciences</b>	<b>Brief Description</b> The 4-H Clothing Construction Project is designed to develop construction skills and knowledge in selecting fabrics, inner fabrics, patterns, and other supplies for constructing projects and garments. Members will learn to determine correct pattern size and type. Youth in this project will learn consumer skills and save family dollars while developing poise and self-confidence. Members can participate in visual presentation, judging, records, fashion revue, and exhibits.	<b>Curricula</b> P1303 4-H Clothing Selection Reference Manual Clothing Decisions/A Style of Your Own CCS curriculum: Discovering Choice BU-07360 Managing Choice BU-07361 Helper's Guide BU-07362
<b>Project Title</b> Child Development	<b>Curricula</b> CCS curriculum: Helper's Guide BU-7182 Sew and Have Fun BU-7179 Sew Much More BU-7180 Sew On & Sew Forth BU-7181 Under Construction BU-08060 Fashion Forward BU-08061 Refine Design BU-08062 Sewing Expressions Helper's Guide BU-08063 Let's Sew – A Beginner Sewing Guide by Nancy Zieman INTERACTIVE 4-H Clothing Project Reference Manual P1302 4-H Clothing Project Reference Manual Clothing Study Packet	<b>Term</b> Ongoing
<b>Brief Description</b> Provides experiences and teaching in child development activities related to how youth grow and develop, and how they care for themselves, their families, and their communities. This revision contains new activities called Babysitting Kit and Mother's Helper, along with enhanced activities in the Helper's Guide that encourage youth to work with younger kids in after-school programs, day care centers, summer day camps, and more. Excellent for 4-H, after-school programs, and home school.	<b>Contest</b> Junior and Senior state contests	<b>Educational Activities</b> Workshops and tours
<b>Curricula</b> CCS curriculum: Child Development 1 – Growing on My Own BU-08075 Child Development 2 – Growing with Others BU-08076 Child Development 3 – Growing in Communities BU-08077 Helper's Guide BU-08078	<b>Record Book Category</b> Clothing	<b>4-H BIZ IDEAS</b> Youth participants will explore careers in merchandizing, advertising, consulting, buying, design, etc.

<b>Project Title</b> Consumer Education	<b>Curricula</b> CCS curriculum: Unit 1 – Bag of Tricks BU-08087 Unit 2 – Micro Magicians BU-08088 Unit 3 – Amazing Rays BU-08089 Unit 4 – Presto Meals BU-08090 Helper's Guide BU-08091	Unit 3 – You're the Chef BU-07148 Unit 4 – Foodworks BU-07150 Helper's Guide BU-07730 Set of 5 PC-07731 Project Online Site – <a href="http://www.n4hccs.org/foods">www.n4hccs.org/foods</a>
<b>Brief Description</b> The 4-H Consumer Education Project is designed to help youth make wise decisions in the marketplace for both consumer goods and services. Members enrolled in this project learn their rights and responsibilities as consumers.	<b>Term</b> Short or Long	<b>Term</b> Short or Long
<b>Curricula</b> CCS curriculum: The Consumer in Me BU-08030 Consumer Wise BU-08031 Consumer Roadmap BU-08032 Money FUNdamentals BU-07710 Money Moves BU-07711 Helper's Guide BU-07712 P2110 4-H Consumer Judging Manual	<b>Contests</b> Healthy Lifestyles Quiz Bowl at State 4-H Congress Visual Presentation Contest at State 4-H Congress (Senior) Visual Presentation Contest at District Project Achievement Days (Junior) Mississippi 4-H Record Book	<b>Contests</b> Healthy Lifestyles Quiz Bowl at State 4-H Congress Visual Presentation Contest at State 4-H Congress (Senior) Visual Presentation Contest at District Project Achievement Days (Junior) Mississippi 4-H Record Book
<b>Term</b> Ongoing	<b>Educational Activities</b> Workshops related to the Health Project at the local and county levels	<b>Educational Activities</b> Workshops related to Food and Nutrition Project, Kids in the Kitchen cooking schools at the local and county levels
<b>Contests</b> Seniors at the state level Juniors at the district level Participants will judge three classes	<b>Record Book Category</b> Food and Nutrition	<b>Record Book Category</b> Food and Nutrition
<b>Educational Activities</b> These activities and events are held at the county, district, and state levels, but the locations and times will vary. Some include judging clinics and workshops, record workshops, etc.	<b>4-H BIZ IDEAS</b> Career opportunities explored include Extension health specialist, public health, nursing, physician, radiology, pharmacology, medical care, vision care, emergency medical services, dietetics and nutrition, chiropractic care, health care service administration, science and engineering, clinical laboratory science, and health information management.	<b>4-H BIZ IDEAS</b> Career ideas include shopping service for elderly, parents with small children, and people leading too busy lives to do their own shopping; coupon clipping service; meal planning; health food / specialty store owner; cooking school food consultant; caterer / chef; nutrition critic / consultant; food technology consultant; food model designer; editor of recipe books / food newsletter; food inspector; food Web site designer; food scientist / food lab; food advertisement; food photographer; food and beverage executive; hotel / restaurant management; baby food; show manager; grocery store owner or distributor.
<b>Record Book Category</b> None	<b>Project Title</b> Food and Nutrition	<b>Project Title</b> Food Preservation
<b>4-H BIZ IDEAS</b> Youth participants will explore careers in merchandizing, finance, advertising, consulting, buying, etc.	<b>Brief Description</b> The Food and Nutrition Project helps participants learn to make healthy food choices, reduce disease and illness risks, and gain knowledge of nutrition. Major learning experiences are centered around nutrition, menu planning, food buying and preparation, food safety, careers, and cultural influences.	<b>Brief Description</b> In the 4-H Food Preservation Project, members can learn to successfully preserve foods by canning and freezing. Members also can learn the basic scientific principles required for
<b>Project Title</b> Microwave Magic	<b>Curricula</b> CCS curriculum: Unit 1 – Six Easy Bites BU-07144 Unit 2 – Tasty Tidbits BU-07146	
<b>Brief Description</b> This project will help young cooks learn basic principles of microwave cooking. Activities include making simple snacks to complete meals using the microwave. This project is meant to compliment and enhance the Food and Nutrition Project.		

safe handling of foods. While carrying out project activities, members will be able to supplement the home food supply by canning and freezing.

#### ***Curricula***

P993 Home Canning Questions and Answers

P1430 Freezing Fruits and Berries, Unit 1

P1431 Freezing Vegetables, Unit 2

P1542 Canning Fruits and Tomatoes, Unit 3

P1540 Canning Vegetables, Unit 4

#### ***Term***

Short or Long

#### ***Contests***

Miscellaneous contests include a written test and judging freezer packing materials

#### ***Educational Activities***

Conduct workshops to demonstrate the correct methods of canning and freezing

#### ***Record Book Category***

Food Preservation

#### ***4-H BIZ IDEAS***

4-H members in the Food Preservation Project might be interested in careers that focus on food and food-related activities. Other careers could include meal planning, health food/specialty store owner, cooking school food consultant, caterer/chef, nutrition critic/consultant, food technology consultant, food model designer, editor of recipe books/food newsletter, food inspector, food Web site designer, food scientist/food lab, food advertisement, food photographer, food and beverage executive, hotel/restaurant management, baby food, show manager, grocery store owner or distributor.

---

#### ***Project Title***

Housing and Interior Design

#### ***Brief Description***

Interior Design is a unique blend of art and science. Interior decorating is the embellishment of interior finishes and the selection and arrangement

of fabrics and furnishings. Youth participants will learn the art and skills of color, finish, selection, and arrangement of pieces, window treatments, and specialty features in making their interior worlds both functional and beautiful.

#### ***Curricula***

Designing Interiors, Ohio State University

Beginnings of Interior Environment 9th Edition

Straight Talk on Decorating Seven Layers of Design – Fearless, Fabulous Decorating

Interior Design Study Packet

Interior Design Study Box

#### ***Term***

Long

#### ***Contests***

Junior and Senior

Local, county, district, and state

#### ***Educational Activities***

Workshops and field trips on topics like selecting color for your room, writing a budget, faux-finishing, selecting and arranging furniture, making easy and no-sew window treatments, turning trash into treasure, designing your own room, learning to shop around, choosing color based on personality, decoupage, and using stained glass

#### ***Record Book Category***

None

#### ***4-H BIZ IDEAS***

Youth participating in this project area will explore careers in interior design, architecture, consulting, merchandizing, marketing, buying, teaching, and more.

---

## **5. Environmental Education and Conservation**

#### ***Project Title***

Exploring Your Environment

#### ***Brief Description***

Youth will enjoy the challenge and excitement of exploring the ecology, science, and technology of

the environment. They will learn ecological concepts to help develop scientific thinking and processing skills including the four elements of life, connections among living things, and how all plants and animals are affected by each other.

#### ***Curricula***

CCS curriculum:

Unit 1 – Eco-Wonders BU-07704

Unit 2 – Eco-Adventures BU-07705

Unit 3 – Eco-Actions BU-07706

Helper's Guide BU-07707

#### ***Term***

Short to Long

#### ***Contests***

Visual Presentation Contest at State 4-H Congress (Senior)

Visual Presentation Contest at District Project Achievement Days (Junior)

Mississippi 4-H Record Book

#### ***Educational Activities***

Workshops related to Exploring Your Environment Project at the local and county levels

#### ***Record Book Category***

Conservation

#### ***4-H BIZ IDEAS***

Youth will discover how their environment is affected by the world of humans, to include industry and personal effects. They will learn about career opportunities in conservation, environmental consulting, safety, and preservation.

---

#### ***Project Title***

4-H Shooting Sports

#### ***Brief Description***

The 4-H Shooting Sports project strives to enable young people, their parents, and adult volunteers to become responsible, self-directed, and productive members of society. County volunteers, 4-H agents, and instructors work with youth in county-based clubs, teaching them safe and responsible use of firearms and archery equipment. Projects include Archery, Muzzleloading, Pistol, Rifle, and Shotgun.

<b>Curricula</b> Ten Steps to a Successful Mississippi 4-H Shooting Sports Program <a href="http://msucares.com/pubs/infosheets/is1602.htm">http://msucares.com/pubs/infosheets/is1602.htm</a>	<b>Project Title</b> Forestry	<b>Project Title</b> Conservation
Objectives of the Mississippi 4-H Shooting Sports Program <a href="http://msucares.com/pubs/infosheets/is1603.htm">http://msucares.com/pubs/infosheets/is1603.htm</a>	<b>Brief Description</b> Stresses general forestry knowledge, tree identification, insect and disease identification, compass and pacing, and judgment about land management decisions.	<b>Brief Description</b> The 4-H Conservation Program encourages youth to develop leadership skills in active conservation projects, understand the importance of conserving natural resources, explore conservation career opportunities, and appreciate the value of national resources to society.
Significance of Mississippi 4-H Shooting Sports State Training Workshop for Volunteer Leaders and Extension Agents <a href="http://msucares.com/pubs/publications/p2234.html">http://msucares.com/pubs/publications/p2234.html</a>	<b>Curricula</b> CCS curriculum: Unit 1 – Follow the Path BU-08038 Unit 2 – Reach for the Canopy BU-08039 Unit 3 – Explore the Deep Woods BU-08040 Helper’s Guide BU-08041 Set of 4 PC-08042 Project Online Site – <a href="http://www.n4hccs.org/forestry">www.n4hccs.org/forestry</a>	<b>Curricula</b> P1185 Conservation of Natural Resources Project Guide
Youth on Target: 4-H Shooting Sports <a href="http://msucares.com/pubs/misc/m1565.pdf">http://msucares.com/pubs/misc/m1565.pdf</a>	<b>Term</b> Long	<b>Term</b> Long
Introduction to the Mississippi 4-H Shooting Sports Program <a href="http://msucares.com/pubs/infosheets/is1353.pdf">http://msucares.com/pubs/infosheets/is1353.pdf</a>	<b>Contests</b> Local matches County and multi-county matches (Multi-county matches are conducted in order to give 4-H members an opportunity to enhance their skills in the project while allowing them the opportunity to meet necessary requirements to participate in district and state events.)	<b>Contests</b> Forestry Judging Contest State 4-H Congress District Project Achievement Days Visual Presentation Contest at State 4-H Congress (Senior) Visual Presentation Contest at District Project Achievement Days (Junior) Mississippi 4-H Record Book
District matches 4-H Shooting Sports State Invitational National 4-H Shooting Sports Invitational	<b>Educational Activities</b> Workshops related to Forestry Project at the local and county levels	<b>Educational Activities</b> Workshops related to Forestry Project at the local and county levels
<b>Record Book Category</b> Conservation of Natural Resources/Wildlife	<b>Record Book Category</b> Forestry	<b>Record Book Category</b> Conservation of Natural Resources/Wildlife
<b>4-H BIZ IDEAS</b> The 4-H Shooting Sports project offers young people an excellent opportunity to explore future careers in the outdoor and sporting goods industries. It also gives youth the chance to learn an activity they can enjoy throughout life.	<b>4-H BIZ IDEAS</b> Youth will learn of job and career opportunities including collecting forest-floor items such as burls, moss, leaves, rocks, interesting wood pieces, etc., to create artistic crafts to sell to tourists; employment in the wood-product supply business; forestry employment; plant and industry work; tree grower, furniture manufacturer, designer and/or craftsman, conservationist/forester; logging equipment sales/transport; and specialty-wood broker.	<b>4-H BIZ IDEAS</b> Youth will find employment ideas and career opportunities through this project in consulting, game and fish, wildlife management, sales and marketing, and private entrepreneurship. Project Title Sportfishing
		<b>Brief Description</b> A comprehensive introduction to fishing and related activities. This project is suitable for beginners or experts interested in both freshwater and saltwater sportfishing. There is a mentorship approach and long-term adult/youth interaction.
		<b>Curricula</b> CCS curriculum: Unit 1 – Take the Bait BU-07598 Unit 2 – Reel in the Fun BU-07599 Unit 3 – Cast into the Future BU-07600 Helper’s Guide BU-07601

Set of 4 PC-076048042  
Project Online Site –  
[www.n4hccs.org/fishing](http://www.n4hccs.org/fishing)

**Term**  
Short to Long

**Contests**  
Visual Presentation Contest at State 4-H Congress (Senior)  
Visual Presentation Contest at District Project Achievement Days (Junior)  
Mississippi 4-H Record Book

**Educational Activities**  
Workshops related to Sportfishing Project at the local and county levels

**Record Book Category**  
Sportfishing

**4-H BIZ IDEAS**  
Youth will find employment ideas and career opportunities through this project in consulting, guide-service, sales and marketing, and private entrepreneurship.

**Project Title**  
Wildlife

**Brief Description**  
This project looks at wildlife biology, ecology, and management from simple identification to management practices. The project also focuses on conservation of natural resources and encourages youth to develop leadership skills in active conservation projects, understand the importance of conserving natural resources, explore conservation career opportunities, and appreciate the value of national resources to society.

**Curricula**  
CCS curriculum:  
Unit 1 – Take the Bait BU-07598  
Unit 2 – Reel in the Fun BU-07599  
Unit 3 – Cast into the Future BU-07600  
Helper's Guide BU-07601  
F866 Wildlife Judging Scoresheet  
M0721 National 4-H Wildlife Habitat Evaluation Handbook

**Term**  
Short or Long

**Contests**  
District Project Achievement Days  
Wildlife Judging  
Wildlife Judging at State 4-H Congress  
The National 4-H Wildlife Habitat Evaluation Program  
Mississippi 4-H Record Book

**Educational Activities**  
Many of the educational activities are held at the district, state, and national events. Many 4-H members participate in educational workshops at the club, county, and state levels.

**Record Book Category**  
Conservation of Natural Resources / Wildlife

**4-H BIZ IDEAS**  
Youth will discover and explore career opportunities as wildlife biologists/managers, environmental educators, environmental consultants, research wildlife biologists, research technicians, high school teachers, and zoo and wildlife center workers.

## 6. Personal Development and Leadership

**Project Title**  
Career Exploration

**Brief Description**  
4-H Career Exploration offers 4-H members opportunities to learn about themselves and their interests, abilities, and aptitudes. They also can learn more about the world of work and have opportunities to consider their interests and aptitudes in relation to available careers.

**Curricula**  
P1600 Taking the Clutter Out of Career Choice  
CCS curriculum:  
Get in the Act! Take 1 Youth Guide CD Rom BU-08191  
Get in the Act! Take 1 Helper's Guide BU-08192

**Term**  
Short to Long

**Contests**  
Career Pursuit

**Educational Activities**  
Get Set, Get Ready, Get a Job educational activities; interviewing and resume-writing workshops

**Record Book Category**  
Personal Development

**4-H BIZ IDEAS**  
4-H members who are enrolled in this project area have the opportunity to explore all careers. Job interviewing, dressing for success, resume-writing, and other related job-readiness subject matter are the focus of this project area.

**Project Title**  
Citizenship

**Brief Description**  
Doing your part, following the rules, serving your community, knowing how to make a difference—these are the qualities of good citizens. Through this project, 4-H'ers become well informed, productive members of society with curriculum designed to engage youth in changing a piece of the public world, discovering the possibilities of democratic citizenship, and building a commitment to taking action in new and exciting ways.

**Curricula**  
CCS curriculum:  
Citizenship Adventure Kit BU-8153  
Citizenship Guide's Handbook BU-8154  
Set of 2 BU-8155

**Term**  
Long

**Contests**  
4-H Congress

**Educational Activities**  
4-H Congress, National 4-H Congress, Citizenship Washington Focus, Congressional Awards

**Record Book Category**  
Citizenship

**4-H BIZ IDEAS**  
Youth will learn about opportunities for service while they are young, as well as potential adult careers in

governmental service. These include law enforcement, public service jobs, government leadership, etc. They will explore opportunities to serve as legislative pages or government interns. Fields of law and politics are also explored as potential careers in this project area.

#### **Project Title**

Leadership

#### **Brief Description**

Leadership is the ability to help yourself and other people achieve goals through guidance and influence. The Leadership Project helps young people learn and practice leadership life skills.

#### **Curricula**

P2174 Leadership 2000 (ages 11-18)  
P2200 Leadership 2001 (ages 11-18)  
P2229 State 4-H Leadership Team Manual (ages 14-18)  
P606 How to Conduct a 4-H Business Meeting  
P862 Making the Most of Meetings  
P990 4-H Officer's Handbook

#### CCS curriculum:

My Leadership Workbook (ages 8-10)  
BU-07905  
My Leadership Journal (ages 11-13)  
BU-07906  
My Leadership Portfolio (ages 14-18)  
BU-07907  
Leadership Mentor Guide 1 BU-07903  
Leadership Mentor Guide 2 BU-07904

#### **Term**

Long

#### **Contests**

4-H Record Book  
Public speaking contests

#### **Educational Activities**

Filling the roles of club officers, junior and teen leaders, county junior council leadership, county leadership teams, project leaders, State 4-H Council officers, State 4-H Leadership Team, state 4-H events and activities planning committees, regional teen leader conferences, State 4-H Congress, 4-H Day at the State Fair, Business Cooperative Leadership Conference, National 4-H Congress,

and National 4-H Conference Citizenship Washington Focus

[http://msucares.com/4h\\_Youth/4leadership/index.html](http://msucares.com/4h_Youth/4leadership/index.html)

[http://msucares.com/4h\\_Youth/4leadership/conference.html](http://msucares.com/4h_Youth/4leadership/conference.html)

[http://msucares.com/4h\\_Youth/4leadership/council\\_officers.html](http://msucares.com/4h_Youth/4leadership/council_officers.html)

#### **Educational Activities**

Leadership

#### **4-H BIZ IDEAS**

The skills and experiences learned in the Leadership Project can open doors to jobs and future careers of all kinds for participating youth. This project provides training in teamwork, goal-setting, communication skills, and personal development, the mainstays of any successful job.

#### **Project Title**

Personal Development

#### **Brief Description**

The 4-H Personal Development project provides information and activities to help youth accept themselves as worthwhile individuals. Youth learn personal grooming techniques, social etiquette, and ways to relate effectively with others—characteristics that will lead to successful daily living.

#### **Curricula**

P1592 Getting It Together - Friends, Families, and Futures (ages 12-13)  
P1593 Me in a Changing World (ages 10-11)  
P1594 Decisions in a Changing World, Personal Development for Senior 4-H Members

#### **Term**

Long

#### **Contests**

Visual Presentation

#### **Educational Activities**

Educational activities focus on young people improving themselves in all facets through leadership, entrepreneurship, financial fitness, and workforce preparedness.

#### **Record Book Category**

Personal Development

#### **4-H BIZ IDEAS**

The skills and experiences learned in the Personal Development Project can open doors to jobs and future careers of all kinds for participating youth. This project provides training in teamwork, goal-setting, communication skills, and personal development, the mainstays of any successful job.

#### **Project Title**

Health

#### **Brief Description**

This project teaches youth to accept responsibility for maintaining and improving their own physical, mental, and social well-being. Youth will learn about community health resources, how these resources respond to community needs, and how to use the health-care systems in the community. Additionally, youth can learn about environmental issues that affect health. Youth will learn how people grow and develop physically, intellectually, emotionally, and socially throughout their lives. Youth also may participate in health service activities.

#### **Curricula**

CCS curriculum:  
Health1 – First Aid in Action  
BU-08174  
Health 2 – Staying Healthy BU-08175  
Health 3 – Keeping Fit BU-08176  
Project Online Site –  
[www.ohio4h.org/health/](http://www.ohio4h.org/health/)

#### **Term**

Long

#### **Contests**

Project Achievement Days  
State 4-H Congress

#### **Educational Activities**

Health Rocks, health tours, health career shadowing

#### **Record Book Category**

Health

## **4-H BIZ IDEAS**

Youth will explore careers in Extension health, public health, nursing, radiology, pharmacology, medical care, vision care, emergency medical services, dietetics and nutrition, chiropractic care, health care service administration, science and engineering, clinical laboratory science, and health information management.

## **7. Plant and Soil Sciences**

### **Project Title**

Field Crops

### **Brief Description**

The 4-H Field Crops Project encourages participants to learn the producing, marketing, and manufacturing of cotton, corn, soybeans, and other economically important field crops produced in Mississippi.

### **Curricula**

P1324 Exploring Plants through 4-H  
P1621 Cotton Varieties  
P1552 Cover Crops in Mississippi  
P1559 Soybean Efficient Production Practices

### **Term**

Short

### **Contests**

Land judging  
Weed identification  
Visual presentation in plant and soil sciences  
National land and range judging

### **Educational Activities**

Field trips

### **Record Book Category**

Agriculture

## **4-H BIZ IDEAS**

Youth participating in this project will explore careers as Extension employee, soil scientist, researcher, soil conservationist, plant pathologist, professor/educator, botanist, public gardener, plant geneticist, pomologist, turf grass producer/manager, landscape designer, entomologist, ornamental horticulturist, plant

inspector, grain marketer, produce manager, floriculturist, farmer, etc.

### **Project Title**

Gardening (Fruits, Vegetables, Ornamentals, and Flowers)

### **Brief Description**

The 4-H Gardening Project can be a wonderful selection for children. Gardens provide opportunities for learning and having fun. As our society becomes more urbanized and less connected with nature, gardens provide chances for children to learn about nature, growing food, and the importance of the natural world. Gardening with children can take place at home, at school, and/or at after-school programs. Youth get the basics of botany, the gist of gardening, the essentials of ecology, and much more. Youth will use gardening to stimulate their senses and cultivate science processes and life skills. By gathering data via the scientific method, youth feel a sense of pride and responsibility.

### **Curricula**

P205 The 4-H Garden  
P1324 Exploring Plants through 4-H  
P1567 4-H Horticulture Handbook  
CCS curriculum:

Gardening A – See Them Sprout  
BU-07162  
Gardening B – Let's Get Growing  
BU-07163

Gardening C – Take Your Pick  
BU-07164

Gardening D – Growing Profits  
BU-07165

Helper's Guide BU-07166

4-H Junior Master Gardener:  
IS1626 Guidelines for Volunteer Leaders

IS1551 Information for Prospective Sponsors

IS1596 Information for Prospective Volunteer Leaders

### **Term**

Long

### **Contests**

Visual presentations in gardening and horticulture

Visual presentations in plant and soil science

Individual and team judging events in land and horticulture

Horticulture photography

National Junior Horticulture Contest

### **Educational Activities**

Field trips and other outdoor activities

### **Record Book Category**

Garden and Horticulture

## **4-H BIZ IDEAS**

Youth participating in this project will explore careers as Extension employee, soil scientist, researcher, soil conservationist, plant pathologist, professor/educator, botanist, public gardener, plant geneticist, pomologist, turf grass producer/manager, landscape designer, entomologist, ornamental horticulturist, plant inspector, grain marketer, produce manager, floriculturist, farmer, etc.

### **Project Title**

Plant and Soil Science

### **Brief Description**

Members enrolled in the 4-H Plant and Soil Science Project will learn the theory and practice of crop production and soil management. The project is basic to all plant projects. The experiments and learn-by-doing activities help members understand plant development and growth requirements.

### **Curricula**

P537 Plant and Soil Science  
P896 4-H Plant Pathology Judging Contest Manual  
P1324 Exploring Plants through 4-H  
P1567 4-H Horticulture Handbook  
P464 4-H Seed Judging and Identification

### **Term**

Long

### **Contests**

Seed identification

Visual presentation

Land judging

National land and range judging

### **Educational Activities**

District and state training clinics

<b>Record Book Category</b>	<b>4-H BIZ IDEAS</b>	<b>Curricula</b>
Plant and Soil Science	Youth will learn about jobs and careers in pest management, consulting, teaching, and research.	Unit 1 – The Car and the Highway Unit 2 – Maintenance and Operation Unit 3 – Operating the Car Efficiently The Car and the Highway Leader's Guide Mississippi Highway Rules of the Road Automobile Careers M0041 Automobiles and Energy M0052 Buying Your First Car 4-H Wheels – New Road Signs Identification M0159 4-H Wheels – Tire Inspection and Evaluation
<b>Project Title</b>	<b>Economics, Business, and Marketing</b>	
<b>Brief Description</b>	4-H members learn how the cooperative form of business works. Members tour cooperatives, interview cooperative leaders, and share information with others on cooperatives. Members also study other forms of businesses and the free enterprise system.	
<b>Curricula</b>	<b>P559 4-H Cooperative Business</b>	
<b>Term</b>	<b>Short</b>	
<b>Contests</b>	None	
<b>Educational Activities</b>	Tour of cooperative businesses	
<b>Record Book Category</b>	<b>4-H BIZ IDEAS</b>	<b>Educational Activities</b>
Entomology	Youth will be exposed to and learn of careers in agri-business, sales, and marketing.	County workshops, Mississippi Highway Patrol Driving safety inspections
<b>Curricula</b>	<b>9. Science and Technology</b>	<b>Record Book Category</b>
CCS curriculum: Entomology 1 – Creepy Crawlies BU-06853 Entomology 2 – What's Bugging You? BU-06854 Entomology 3 – Dragons, Houses and Other Flies BU-06855 Helper's Guide BU-06856		<b>4-H BIZ IDEAS</b>
<b>Term</b>		The 4-H Automotive Project is an excellent way to get 4-H members to focus on the numerous automotive careers available. Some of these include auto technician, salesperson, body repair person, parts department sales person, auto mechanic, administration, service technician, OEM/aftermarket general management, and sales management.
<b>Contests</b>		
Local, county, district, and state Bug collections		
<b>Educational Activities</b>		
Bug collections, workshops, bug camps, and state fair exhibits		
<b>Record Book Category</b>	<b>Project Title</b>	<b>Project Title</b>
Entomology	Automotive	Bicycle
<b>Brief Description</b>	<b>Brief Description</b>	
	The 4-H Automotive Project offers senior 4-H members an opportunity to learn to drive safely. Members can do this through a series of information-activity forms, lesson manuals, and close association with road-regulatory agencies and other resource people. Opportunities are provided for participation in auto-driving contests, visual presentations, and record-keeping.	Focuses on healthy lifestyles and adventure with bicycles. Project includes ease of use, preventive maintenance, and repair. The 4-H Bicycle Project can teach 4-H members the rules of the road, elementary care and maintenance, and how to select a bicycle that best fits the size and needs of the rider. The 4-H Bicycle Project is an excellent way to get 4-H members

to focus on healthy lifestyles and how to stay fit.

#### **Curricula**

M0723 Pedal Bicycle Manual  
(resource in each county office)

M0753 Bicyclist's Guide

M0754 Team Helmet Bike Safety

CCS curriculum:

Bicycle Adventures, Level 1

Bicycle Adventures, Level 2

Bicycle Adventures, Level 3

Bicycling Is Fun – Level 1

Wheels in Motion – Level 2

Helper's Guide

Don't Get Stuck – Fix It video

Don't Get Stuck – Fix It DVD

#### **Term**

Short to Long

#### **Contests**

County bicycle qualifying events

District Project Achievement Days

State 4-H Congress

4-H Record Program

National engineering, science, and leadership event

#### **Educational Activities**

County workshops, Mississippi

Department of Public Safety

workshops, bicycle safety workshops, bicycle rodeos, bike-a-thons

#### **Record Book Category**

Bicycle

#### **4-H BIZ IDEAS**

Youth can prepare to become bicycle repair technicians/mechanics, bicycle salespeople, bicycle shop managers, etc.

#### **Project Title**

Computer Technology

#### **Brief Description**

Focuses on interaction with computers, use of software, development of software programs, using the Internet, social networking, GIS, robotics, moviemaking, and web design.

#### **Curricula**

CCS curriculum:

Computer – Newbie Know How  
BU-08346

Computer 1 – Inside the Box +  
CD BU-0837

Computer 2 – P2P - Peer to Peer  
BU-0838

Computer 3 – Teens Teaching  
Tech BU-08349

#### **Term**

Long

#### **Contests**

Project Achievement Days

State 4-H Congress Computer Contest

PowerPoint contests

#### **Educational Activities**

Virtual clubs, Mississippi Tech

Summer Conference, National 4-H

Youth Technology Team, Cyber Camp

#### **Record Book Category**

Science and Technology

#### **4-H BIZ IDEAS**

Youth participating in computer technology will experience career options as electrical engineers, chief information officers, computer hardware engineers, computer programmers, computer service analysts, database administrators, Internet consultants, network and computer systems administrators, software production managers, etc.

#### **Project Title**

Electricity

#### **Brief Description**

The 4-H Electricity Project can help 4-H members learn the fundamentals of electricity, including safe and efficient use. Opportunities are provided for participation in 4-H judging, visual presentation, and record programs.

#### **Curricula**

M0039 Exploring the World of Electricity, Unit I

M0027 Electricity's Silent Partner- Magnetism, Unit II

M0118 Working with Electricity, Unit III

M0098 Electricity for Family Living, Unit IV

M0040 Behind the Switch, Unit V

M0100 The World of Electronics, Unit VI

M0097 Unit I Leader Guide

M0063 Unit II Leader Guide

M0062 Unit III Leader Guide

M0061 Unit IV Leader Guide

M0060 Unit V Leader Guide

M0099 Unit VI Leader Guide

CCS curriculum:

Electricity 1 – Magic of Electricity

Electricity 2 – Investigating Electricity

Electricity 3 – Wired for Power

Electricity 4 – Entering Electronics

Helper's Guide

#### **Contests**

County, district, and state judging contests

National engineering, science, and leadership event

Mississippi 4-H Record Book

#### **Educational Activities**

County electric workshops

#### **Record Book Category**

4-H Engineering

#### **4-H BIZ IDEAS**

Youth participating in this project area will find information on jobs and careers in communications, customer service, engineering and science, environmental affairs, general services, governmental and regulatory relations, human resources, and information systems.

#### **Project Title**

Engines/Tractors (Small Engines)

#### **Brief Description**

The 4-H Small Engine Project is designed to help members become more knowledgeable about the small engine. The project encourages youth to develop mechanical skills through a study of 2- and 4-stroke cycle, small gasoline engines.

#### **Curricula**

Engines/Tractors, Unit 1

Engines/Tractors, Unit 2

Engines/Tractors, Unit 3

Engines/Tractors, Unit 4

CCS curriculum:

Small Engines 1 – Crank It Up

Small Engines 2 – Warm It Up

Small Engines 3 – Tune It Up

Helper's Guide

<b>Term</b> Short to Long	<b>Project Title</b> Wood Science	<b>Term</b> Short
<b>Contests</b> County competitive events State 4-H Congress miscellaneous events National engineering, science, and leadership event	<b>Brief Description</b> This project encourages 4-H members to gain hands-on skills in making items from wood. Members learn to use and maintain a variety of tools and equipment. Safety is a very important factor in this project as with many of the 4-H projects.	<b>Contests</b> None
<b>Educational Activities</b> Small engines educational workshops on local level	<b>Curricula</b> CCS curriculum: Woodworking 1 – Measuring Up Woodworking 2 – Making the Cut Woodworking 3 – Nailing It Together Woodworking 4 – Finishing Up Helper’s Guide M0047 Working with Wood and Tools, Unit I M0048 The Wonderful World of Wood, Unit II M0309 Building Bigger Things, Unit III M0307 Woodworking Leader’s Guide	<b>Educational Activities</b> Workshops related to woodworking projects at the local and county levels
<b>Record Book Category</b> Engineering	<b>Record Book Category</b> Forestry and Wood Science	<b>4-H BIZ IDEAS</b> Youth participating in this project area will find information on careers and jobs in motorcycle mechanics, skilled trades, sales and marketing, private dealership, and entrepreneurship.



---

**Publication 1447 (POD-10-15)**

Revised and distributed in Mississippi by the State 4-H Department.



*Copyright 2015 by Mississippi State University. All rights reserved. This publication may be copied and distributed without alteration for nonprofit educational purposes provided that credit is given to the Mississippi State University Extension Service.*

Produced by Agricultural Communications.

We are an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.

Extension Service of Mississippi State University, cooperating with U.S. Department of Agriculture. Published in furtherance of Acts of Congress, May 8 and June 30, 1914. GARY B. JACKSON, Director