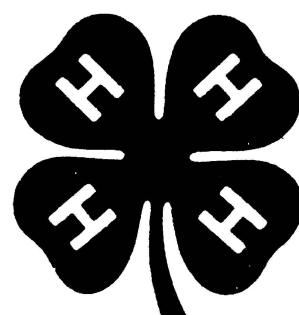
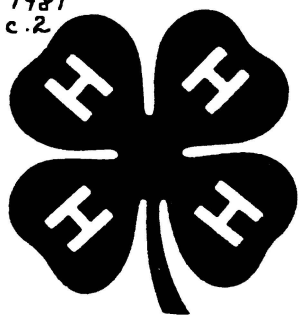


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ADDENDUM
TO THE
**VIRGINIA
4-H
PROJECTS**

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Leader's Guide To Helping 4-H Member's Select Projects

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Prepared By

William C. Clinkscales

Extension Leader, 4-H

Virginia Polytechnic Institute and State University

In cooperation with members of the State 4-H Staff and the Extension Specialists giving leadership to each 4-H project listed.

Virginia Cooperative Extension Service programs, activities, and employment opportunities are available to all people regardless of race, color, religion, sex, age, national origin, handicap, or political affiliation.

An Equal Opportunity/Affirmative Action Employer

Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, and September 30, 1977, in cooperation with the U. S. Department of Agriculture. W. R. Van Dresser, Dean, Extension Division, Cooperative Extension Service, Virginia Polytechnic Institute and State University. Blacksburg, Virginia 24061; M. C. Harding Sr., Administrator, 1890 Extension Program, Virginia State University, Petersburg, Virginia 23803.

Page 3 - ANIMAL, PLANT, AND SOIL SCIENCE

Column two under Literature:

Add: PAS5014 Supplement Forms to: Exploring the World of Plants and Soils

Under Crops:

Omit - use the adult publication as references and BR 31, "4-H Crop Record Book" for reporting work done.

Add - Burley tobacco books available January, 1982.

Page 4 - BEEF PROJECT

Column 1 under 4-H Beef Steer - Unit I

Delete 3P 57, "Introductory Livestock Evaluation Guide"

Column 2 under 4-H Beef Steer - Unit II

Delete 3P 67, "Introductory Livestock Evaluation Guide"

Column 2 under 4-H Beef Heifer Project

Delete 3P 57 "Introductory Livestock Evaluation Guide"

Page 6 DAIRY PROJECT

Column 1 under Dairy Goat Project

Change "Dairy Goats, Breeding/Feeding/Management" to read The Dairy Goat

Change 3RB96, "4-H Dairy Goat" to read "4-H Dairy Goat Project Record Book"

Delete 3 RB 113, "4-H Dairy Goat Project Individual Yearly Production, Feed, and Labor.

Page 6 - DOG CARE AND TRAINING PROJECT

Column 2

At the end of the paragraph at the top of the page, add - Training a dog to be an obedient pet and well adjusted member of the family will be stressed.

At the bottom of the page, add: "Breeds of Dogs" slide set (67) with script "pets need more than love" slide set with script. Available for loan from Dr. Kent Roberts, Extension Specialist, College of Veterinary Medicine, VPI&SU, Blacksburg, Virginia 24061. Change: 4EP 5009 to 4-DP 5003 "Dog Obedience Training Lessons for Beginners" Brace and Team.

At the top of the page - Specialists: Kent C. Roberts, Division of Veterinary Medicine, Extension Specialist College of Veterinary Medicine

Page 7 - Column 1

Change 4-H Light Horse and Pony Project to 4-H Horse and Pony Project

Column 2

At the bottom of the page, change the last word from novice to basic

Page 8 - Column 1

Second paragraph, third line - change done in to done within

Column 2

Unit I* "Horse and Horsemanship" - (Send 55 cents/ copy to A. N. Huff)

Unit II* "Horse Science" -(Send 55 cents copy to A. N. Huff)

Omit "Horse Safety Guidelines"* (Free)

Page 10 - LIVESTOCK ADVANCEMENT

Column 2 - Delete 3P 67, "Introductory Livestock Evaluation Guide and Records"

Page 10 MEAT PROJECTS

Change name of Specialists to Steve Umberger, Extension Specialist, Animal Science and Norman Marriott, Food Science and Technology.

Page 12 4-H RABBIT PROJECT

Change the entire write-up to read:

4-H Rabbit Project

Specialist: Kent C. Roberts, D.V.M. - Extension Specialist, College of Veterinary Medicine

Emphasis in the Rabbit Project is on learning how to raise rabbits as pets, for breeding and showing, and for home meat production. Housing rabbits, breed identification, feeding, and common disease problems will be taught. The many uses for rabbits and the practicality of raising them in different environments will be stressed.

Literature: M 4-H 170 Domestic Rabbit Guide and Record

Page 12 THE EGG-CITING EGG

The Egg-Citing Egg is a combined science/nutrition 4-H poultry project in which students study the formation of the egg, the egg from the hen to market, nutritional value of the egg and methods of preparing eggs. Designed to be an in-class project, a teachers' guide with instructional aids is provided each teacher. Students receive a project record book and recipe and nutritional brochures. Supplemental filmstrips are available from the specialist. The hands-on activity of the project is the actual preparation of an omelet by each student in the classroom.

Literature:

The Egg-Citing Egg MP30

The Egg-Citing Egg Leaders' Guide MP31

Literature - order from specialist:

Kids in the Kitchen

Omelets

Questions and Answers about Eggs

5 Basic Methods of Preparing Eggs

Filmstrips - order from specialist:

The Incredible Edible Egg (grades 7-12)

The Incredible Edible Out of this World Egg (grades 4-7)

Portable burners and omelet pans are available on loan from the specialist.

Page 12 SHEEP PROJECT

Change Specialist to Steve Umberger

Column 2

4-H Ewe Flock Project - delete 3 P 67, "Introductory Livestock Evaluation Guide"

* ANIMAL SCIENCE NON-OWNERSHIP LIVESTOCK PROJECT

Specialist: Steve Umberger, Extension Specialist, Animal Science

OBJECTIVES

- To acquire an introduction to the livestock industry by learning about the breeds of livestock, anatomical parts of livestock and feeds for livestock, without actual animal ownership.
- To be able to identify retail cuts of meat from cattle, sheep and swine, along with the associated cookery methods.
- To develop integrity, sportsmanship, cooperation, and ability to speak in public through participation in related activities, such as demonstrations, talks, judging events, tours, and exhibits.
- To develop leadership talents and to work toward achieving the broad objectives of character development and effective citizenship.

Age: All ages

What 4-H'ers will learn to do: the non-ownership livestock projects are divided into three units progressing by age group and difficulty of subject matter. The units may be completed without the ownership of a project animal. They are excellent projects for in-school programs, for youth without the resources to conduct a live animal project, and as a general introduction to the livestock and meats industry. Four-H'ers will learn the breeds of livestock, the anatomical parts of livestock, the parts of a saddle, feed identification, and the identification of both wholesale and retail cuts of meat. Hands-on tasks will involve field trips to farms, livestock markets, feed mills, and grocery retail meat counters. The projects assume no prior knowledge of the livestock industry and are short in term. Assuming availability of resources, these projects make excellent introductions to starting live animal projects.

Literature:

- 3 RB 123, "Animal Science Non-Ownership Livestock Project Unit I"
- 3 RB 124, "Animal Science Non-Ownership Livestock Project Unit II"
- 3 RB 125, "Animal Science Non-Ownership Livestock Project Unit III"
- 3 P 901, "Livestock Selection and Evaluation Manual"
- 3 P 743, "4-H Meats Project"

Leaflets, bulletins, and books about livestock are other helpful sources of information.

Page 13 SWINE PROJECT

Column 2

Delete 3 P 67, "Introductory Livestock Evaluation Guide" under all three headings.

Page 14 CREATIVE AND PERFORMING ARTS, LEISURE EDUCATION, AND COMMUNICATIONS PROGRAM AREA

Column 1

-To recognize photography as a useful hobby, communicative medium, and profession.

-To gain an appreciation of photography as an art, a science, and a communication tool.

Unit I, "Adventures With Your Camera:"

What 4-H'ers will learn to do: Basic photography skills are taught. Includes the use and care of simple cameras. Delete - are emphasized.

Page 15 Unit II, "Challenges in Picture Taking"

Column 1 - What 4-H'ers will learn to do: Builds on Unit I. Includes an overview to various photographic formats, composition, lighting, and an introduction to adjustable cameras. Delete "are presented"

Unit III, "Exploring Photography"

What 4-H'ers will learn to do: Builds on Unit I and II. Includes the use of adjustable cameras, types of film, color photography, use of exposure meters, and printing. Delete "are discussed"

Unit IV, "Mastering Photography"

What 4-H'ers will learn to do: Builds on Units I, II and III. Includes darkroom procedures, lenses, filters, and junior leadership skills. Delete "are emphasized."

Page 15 PUBLIC SPEAKING PROJECT

Column 1 What 4-H'ers will learn to do: How to collect, etc.

Column 2 - After *"The 4-H Ambassador's Program" Guidelines, add (From Specialist)

Page 19 *SOIL AND WATER CONSERVATION PROJECT

Column 2 - Delete entire section in this column. Add the following:

3P 25 "Food and The Land"

3P 21 "Making a Home for Wildlife on the Land"

3P 228 "Working Together for a Livable Land"

3P 527 "The Earth - Our Home in Space"

3P 479 "Plants, Animals, and Man Sharing the Earth."

3P 880 "Water the Basis of Life."

"The Idea That Worked: America's Conservation Districts" is a booklet similar to the above. Contact your District Conservationist for this one.

Slides from Specialist - "Careers in Resource Conservation" 58 slides.

Page 19 - Add *WATER AND ENERGY CONSERVATION

Specialist: Sandra K. Birch, Education Specialist Water Resources
C. M. McBride, Extension Leader, 4-H

Are You a Water and Energy WISE GUY?

Ages 9-19

What 4-H'ers will learn to do: through outlined activities in the 4-H Publication, members will learn how water and energy are dependent on each other. They will learn about conserving water and energy with simple techniques at home and school. 4-H'ers will also study water sources, basic sewage systems, basic plumbing techniques and water-heater (energy) conservation. Excellent experiments in the booklet makes this project adaptable to the school in community 4-H programs. This project may also be used in conjunction with 4-H Electric/Energy Program.

Literature/Visuals:

Publication 895 - "Are You A Water and Energy Wise - Guy or Gal?"
Demonstration Model - cut-a-way toilet tank, shower/faucet set-up,
collection of conservation devices.
(1 set in each district office)
Slide Show - (One in each district office)
Adult Workbook (12 pages - one in each district office)
"Water Wise-Guy" brochure - order from Sandy Birch - Water Resources
Research Center
Video Tape (2) "The Alternative is Conservation"- order from Sandy
Birch - Water Resources Research Center
16 mm film (1) "The Alternative is Conservation - order from Sandy
Birch - Water Resources Research Center
16 mm film (1) "Water Follies" - order from Sandy Birch - Water
Resources Research Center
16 mm film (1) "The Guzzler Gang" - order from Sandy Birch - Water
Resources Research Center
Film Strip (1) "Captain Hydro" - order from Sandy Birch - Water
Resources Research Center
Conservation Exhibit (2) - order from Sandy Birch - Water Resources
Research Center

Page 19 Column 2

Add at the bottom of the page - P 905 "Exploring the Curious World of
Insects - Rearing Insects"

Page 20 FISHING PROJECTS - Change title to read: FISHERIES SCIENCE PROJECT

Fisheries Objectives - Column 1

Delete - To acquire basic fishing skills.

To become acquainted with the different types of fishing gear and equipment, how to use it, and how to maintain it.

To understand the basic principles of fisheries biology necessary to wisely manage fisheries and aquatic resources.

Add objectives:

- To understand the importance of water-quality to both fish and people
- To learn how to protect lakes, ponds, and streams from pollution.
- To understand how to manage sportfish populations.
- To appreciate the importance of small ponds as a source of food for people.
- To learn the basic methods of fish farming

4-H Fishing Project I - Change title to Fisheries Science Project

Beginning with (3) gain a basic understanding of fish habits, add as follows: (4) learn to recognize Virginia's game fishes, (5) learn about the anatomy and life history of native fishes, (6) become acquainted with fish culture and hatchery operations, (7) discover how to collect and maintain fish (8) gain an understanding of basic fish pond management techniques, (9) learn what fish eat (10) learn about fish behavior, (11) learn where fish live, (12) develop an awareness of water safety, (13) determine what professional fisheries biologists do and how to prepare for a career in fisheries science.

Column 2

Add Understanding Lakes below From Hatchery to Creel (Column 2)

Page 23 Column 1 Wildlife

Delete 3P 30, "Wren Nesting Boxes"

3P 99 "Martin Colony Bird Homes"

3P 103, "Suet and Peanut Butter Bird Feeders"

3P 488, "Flicker - Woodpecker Houses"

Column 2 - Wildlife

Add after leaflets, Film Strip and Tape: "The Unendangered Species" (From Specialist)

1st Year Wildlife Package

Change six presentations to five presentations

Delete no. 5 - Coveys and Singles (Film, order from Film Library)

Page 26 Column 2 SAFETY

After 4 ME 116, "All You Should Know About Smoke Detectors" add 4ME 121 - Exit Drills in the Home (Edith)

Page 27 Column 1

Add at the bottom line "What's Your Home Safety IQ"
"Do It Yourself Safely"

Page 27 Column 2 - Add "Tractor Safety for Use in Agriculture" (16 mm film)
"Challenge of the Edith Superstars" (16 mm film)

- Page 28 Clothing and Textiles Project - Add: Publications Available -
 "Sew for Fun I," "Sew for Fun II", "Sew For Fun III"
 "Sew For Fun Leader's Guide"
- Page 32 Add to objectives in column 1 under the heading HOME ENVIRONMENT OBJECTIVES:
 To become aware of beauty in our environment.
 To acquire skills of designing, making choices and using simple ideas in a
 space for living.
 To create living spaces that make for happier, more comfortable and carefree
 living within the family's resources.
 To better understand the furnishings in their environment that influence
 them most.
 To acquire knowledge of the interior design area and careers available.
 To understand the responsibilities of a competent home furnishings consumer.
 To share what has been learned with others to develop leadership abilities.
- Page 33 Column 2
 Omit Artistry in Glass and Batiks and add "A Welcome Home" and "Today's
 Decorating for Young Adults"
- Page 34 Money Management Project
- Column 1 and Column 2
 Delete 4MHM32 and 4MHM42 - they are not available for use.
- Page 35 LEADERSHIP, CITIZENSHIP, AND COMMUNITY DEVELOPMENT PROGRAM AREA
- Change Specialist to Courtney Schwertz, Extension Leader, 4-H
- Column 2- Literature:
 Add: 4M4H 163 "My Neighborhood" (ages 9-11)
 4M4H 164 "My Club and Groups" (ages 9-11)
 4M4H 167 "My Government" (ages 14 - over)
 4M4H 168 "World" (ages 14 - over)
- Page 40 MECHANICAL SCIENCE AND ENERGY PROGRAM AREA
- 4-H Mechanical Science and Energy Program Area - Slide set 36 slides -
 from Specialist.
- Column 2
 Slide Sets: Add - District, State, and Eastern U. S. 4-H Auto Driving
 Contest. 40 slides.
- Page 42 Column 2
 Literature: Add P 917, "4-H Energy Unit I"
- Page 43 Column 1
 Literature: Add - Electric Congress Awards Trip
 Cord Repair and Fuse Replacement
 4-H Electric Exhibits
 Other Educational Aids for Electric/Energy Project:
 Demonstration Kit - Demonstration in Electro I, II, III
 Literature: Supplemental activities for Electro I, II, III.
- Column 2
 Energy Slide Sets
 Add: Energy and Doubling Time

Page 44 Column 1 - 4-H Small Engines Project
Literature: Delete 4 and 3 in front of SE and P

Column 2 - Unit III, Lawn and Garden Power Equipment

Delete 4 in front of SE and P
Add ME-98 "Yard and Garden Safety Checklist"(Specialist)
Add "Safety Films and Slide Sets."
Delete ME 84

Page 45 Column 1
Delete all 4's in front of TRAC, ME-49, etc.
Under Guide and Score Sheets, ME-18 (order from specialist), add
"The following materials may be purchased from American Association for Vocational
Instructional Materials, Executive Director, Agr. Eng. Bldg., Athens, Ga. 30602."

Column 2

Delete all 4's in front of ME.

Under ME102, "Hand Signals for Agriculture:"Slides Sets: (From Specialist),
add District, State and Eastern U. S. 4-H Tractor Operators Contest. 41 Slides

After Wagon Safety, 10 1/2 minutes, change the statement to read "See
ME 87, "Safety Films and Slide Sets,"

Page 48 ACTIVITIES

Column 1

Delete 4 M4H 137, "4-H Camp Attendance Summary"
Delete *IFYE Caravan - Slide Tape Set

Column 2

Delete *3P 508 "The New Virginia 4-H Roadside Sign"
4 M4-H 72 "Guidelines for Scoring Achievement Records"

Page 49 ENROLLMENT AND ADMINISTRATION

Column 2

The use of public and private funds in support of 4-H and affirmative action
programs

Column 2- literature: 4 VEMIS 6 (82)
4 VEMIS 7 (82)

Column 1 - Add 4M4-H 84 Unit 4-H Honor Club Certificate.