Arkansas 4-H Project Tip Sheet

4-H
Making the Best Better

POULTRY

In this project you will:

- Learn the basic principles of poultry science by owning, caring for, and keeping records of your unique (and fun) project experiences!
- Learn to identify different poultry species, evaluate meat, explore egg production, and explore careers in poultry business.

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<th>Beginner</th>
<th>Intermediate</th>
<th>Advanced</th>
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<td>Learn different avian species.</td>
<td>How eggs are made</td>
<td>Conduct educational workshops</td>
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<td>Learn how to select the right bird for you.</td>
<td>Egg Candling/Grading</td>
<td>Flock Management</td>
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<td>Locate and name the parts of a bird.</td>
<td>Poultry Judging and evaluation</td>
<td>Learn about Genetics</td>
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<td>Proper feeding and nutrition.</td>
<td>Explore diseases and how to prevent/treat illness</td>
<td>Bio-Security Education</td>
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<td>Breed Identification</td>
<td>Internal Anatomy</td>
<td>Job Shadow/Intern</td>
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<td>Proper Housing and Brooding</td>
<td>Carcass grading and meat cuts</td>
<td>Poultry Science Dept. Tours and Scholarships</td>
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<td>Sportsmanship when exhibiting</td>
<td>Career Exploration</td>
<td>Food Safety and Food to Table</td>
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Experience ~ Share ~ Generalize ~ Apply

Experience:

Share:

Generalize:

Apply:

Head:
To think, to plan, and to reason:
- Record Keeping
- Goal Setting
- Problem Solving
- Decision Making

Heart:
To be kind, true, and sympathetic:
- Feeling
- Caring
- Sportsmanship
- Responsibility

Hands:
To be useful, helpful, and skillful:
- Working
- Community Service
- Giving
- Teamwork

Health:
To resist disease, enjoy life, and to make for efficiency:
- Personal Safety
- Self-esteem
- Character
- Responsibility
**Healthy Living**
- Create a recipe that includes poultry as a main protein source.
- Compete in your county, district, and state 4-H BBQ Contest.

**Science, Technology, Engineering, and Mathematics**
- Examine the different poultry feed ingredients and analyze ingredients to learn what role each ingredient plays.
- Secure an incubator and hatch your own chicks.

**Citizenship and Leadership**
- Collect eggs from your poultry project and donate them to a community shelter or a food bank.
- Sell eggs and donate money to a local charity.
- Create and give a poultry talk or demo to your 4-H Club.
- Assist your county agent with poultry workshops.
- Conduct a poultry skill-a-thon contest for other 4-Hers.

### Resources

**Arkansas Extension Resources:**
https://www.uaex.edu/farm-ranch/animals-forages/poultry/

**National 4-H Curriculum**
shop4-h.org/collections/animal-agricultural-science-curriculum

**Poultry Showmanship**
http://valencia4-hffapoultry.tripod.com/id8.html

**American Poultry Association**
www.amerpoultryassn.com

### Opportunities

- 4-H Poultry Chain Project
- Broiler BBQ Contest
- O-Rama Animal Science Talk
- U of A Poultry Science Camp
- 4-H Broiler Project
- Poultry Judging Team
- College Scholarships to U of A Poultry Science Department

### Curriculum

- Poultry 1—Scratching the Surface
- Poultry 2—Testing your Wings
- Poultry 3—Flocking Together
- Poultry Helpers Guide
- Embryology in the Classroom Grades 2-8
- Experiments in Poultry Science Grades 6-8
- ChickQuest Logbook

### 4-H Record Keeping

4-H records allow members to develop record keeping and goal setting skills.

Members record learning experiences and activities in their 4-H projects, leadership, and community service involvement, 4-H promotion, awards, and accomplishments.