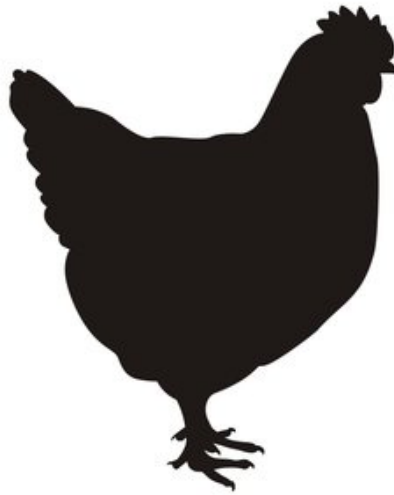
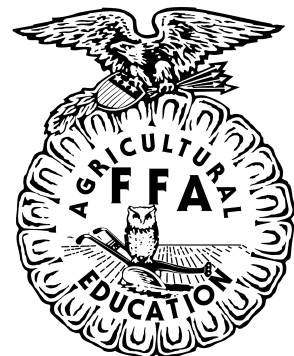
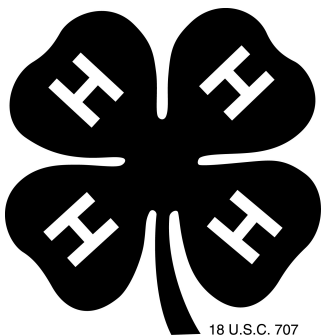


2022

Coastal Plains Chicken Project



Project Record Book 14-18





Regional Chicken Project
Project Book
Ages 14-18

SECTION 1: Personal Information



County you participate in 4-H or FFA: _____

Program Year: _____

Competition Category: _____ 14-18 years old
(age as of Jan. 1 of the project reporting year)

Name: _____
(first) (middle) (last)

Name you want used in publicity (please print): _____

Home Mailing Address: _____

City: _____ State: _____ Zip: _____

Primary Telephone Number (include area code): _____

Date and Year of Birth: _____ Age as of January 1: _____

Name of parent(s) or guardian(s): _____

Name of your 4-H club/group or FFA Chapter: _____

Name of School: _____ Grade in School: _____

STATEMENT BY 4-H MEMBER

I give North Carolina 4-H permission to use my records as a sample, after identifying information has been removed and allow North Carolina 4-H to use my Digital Media if any is provided for 4-H Marketing opportunities. I also understand that North Carolina 4-H will contact me before any of my information is shared.

Signature of participating youth

Date

APPROVAL OF THIS REPORT

We have reviewed this report and believe it to be correct:

Signature of Parent/Guardian

Signature of Club Leader, 4-H Agent or Advisor

Objectives of the Chicken Project Record Book

1. To gain knowledge and experience caring for poultry
2. To learn responsibility
3. To learn record keeping skills

Things to keep in mind about the project:

- This project is for the child to explore and discover project areas.
- The completed Chicken Project Record Book will be judged as part of the Regional Chicken Project competition.
- Regional Chicken Project participants will participate in poultry showmanship at the show in a class of the appropriate age group.
- The responsibility of animal ownership should not lie solely with the child, but with the parents and/or advisor also.

Rules of activity:

1. All completed Chicken Project Books must be turned into the county agent or Ag teacher/advisor on **April 15, 2022** in order to be eligible to compete for awards on the day of the show.
2. All sections of the Chicken Project Record book must be completed in order to be eligible to compete in the Chicken Showmanship and Breed Competitions.
3. Record keeping about your chicken(s) begins on the date that you start preparing to receive your chicks until the date of the show.
4. Be mindful of page limitations and guidelines for each section. **Do not submit Chicken Project Record Books in binders or notebooks, but folders are acceptable.**
5. All signatures must be obtained for this Chicken Project Book to be complete.
6. All work must be done by the submitting 4-H, Ag Ed student or FFA member. Plagiarism is not allowed. Project Record Books that appear to be plagiarized will be disqualified and ineligible for awards. (We want to see the children's handwriting if possible.)
7. **Portions of the Chicken Project Record Book may be submitted to other project book competitions at the county, district, region or state level for further awards. Please see your 4-H Agent.**

Helpful Hints for Record Keeping

This project booklet is a supplement to and can be added to your year-long Project Record Book at a later time.

Record Keeping

Why Do You Keep Records in 4-H?

- to save information about your project so you can look it up later and recall it
- to learn how to keep accurate records
- to keep track of the work you have done
- to remember your 4-H activities
- to credit and honor your achievements and progress

What Makes a Good Project Book?

Completeness - A good project book has all the required information. Pages should include all necessary information.

Accuracy - Your information should be accurate and up-to-date.

Neatness - Always do your best to keep your book neat and readable. If you cannot read your records you will not be able to use them in the future.

Personality - This is your project book. Make your book unique. Be original and personal in the information you keep in your book. Add souvenirs pertaining to your club's activities, photos, newspaper and magazine articles about you, your club or 4-H in general. The more personal you make your project book, the more the reader will understand you and your project and appreciate the work you have done.

Create a project book you are proud of. It will be fun to look back at it in years to come.

A Few Tips to Help You Out

- Use a 3-prong folder - no binders. .
- Start your record-keeping as soon as possible.
- Keep your records up to date. It is easy to forget details.
- Remember to take pictures!

ABOUT MY **CHICKENS**

Animal ID (name, leg band)	Description (breed, color, markings, etc.)	Date you received your bird	Notes

Continue chart to another page if needed.

Basic Chicken Information

1. What breed of chicken(s) are you working with for the Coastal Plains Chicken Project?

2. What type of feed are you feeding your chickens?

3. What is the percent protein and the percent fat of your feed?

4. Is the feed medicated? If yes, what is the active drug ingredient?

5. How long does it take hens to reach maturity and start laying eggs?

6. What type of shelter did you provide for your chickens throughout the project?

7. What equipment was needed to care for your birds?

8. Name two characteristics of the following chicken breeds:

a. Silver-laced Wyandotte

b. Serama

c. Cinnamon Queen

d. Australorp

e. Ayam Cemani

9. Define the following poultry terms:

a. Antibody

b. Barring

c. Genotype

d. Molt

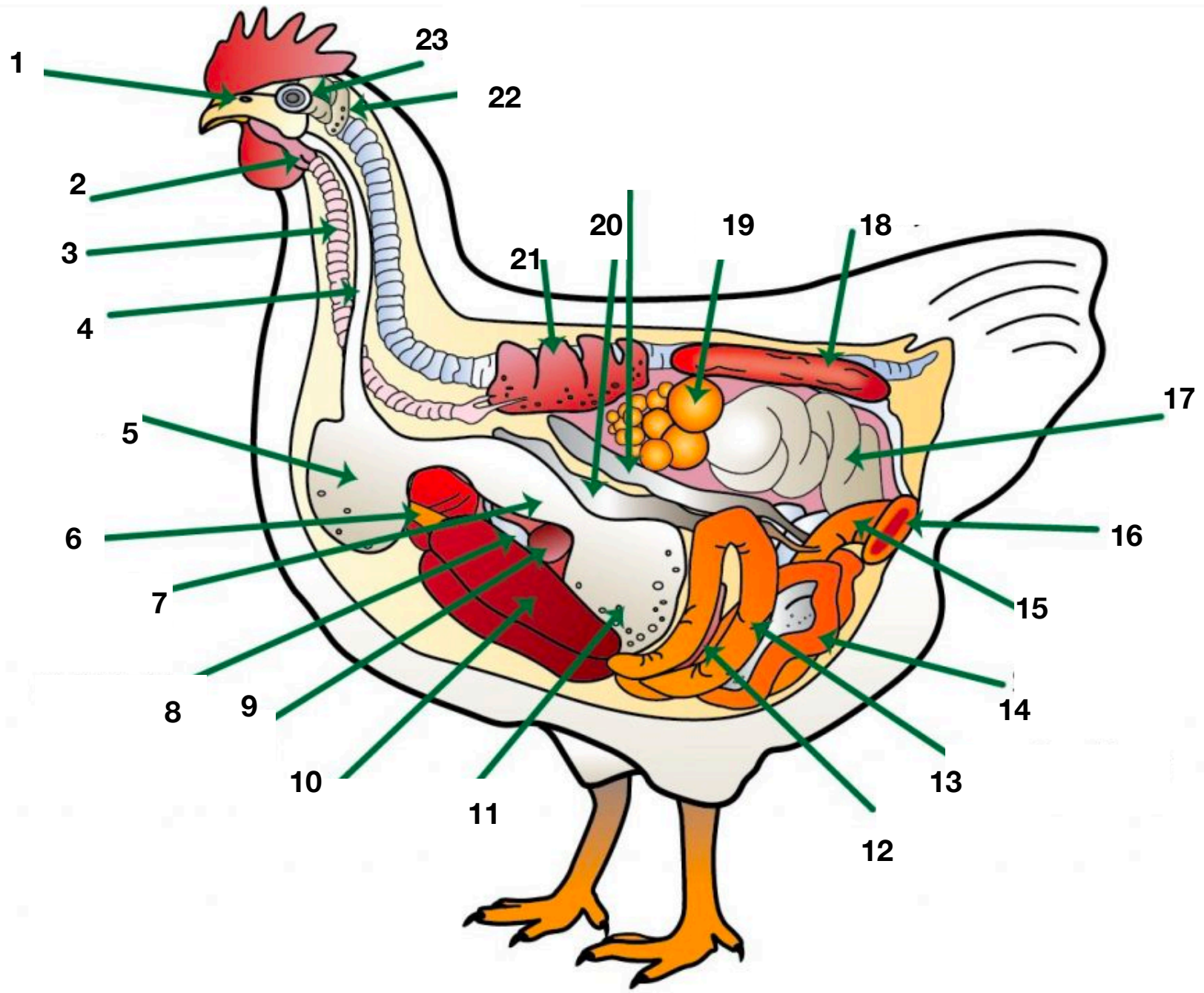
e. Straight run

f. Splayed legs

g. Pigmentation

Using the word bank, label the digestive system and other internal and external parts of the chicken, pictured on the next page.

A. Brain	1. _____
B. Caeca	2. _____
C. Cloaca	3. _____
D. Crop	4. _____
E. Duodenal loop	5. _____
F. Esophagus	6. _____
G. Eye	7. _____
H. Gallbladder	8. _____
I. Gizzard	9. _____
J. Heart	10. _____
K. Kidney	11. _____
L. Large Intestine	12. _____
M. Larynx	13. _____
N. Liver	14. _____
O. Lung	15. _____
P. Nostril	16. _____
Q. Ovary	17. _____
R. Oviduct	18. _____
S. Pancreas	19. _____
T. Proventriculus	20. _____
U. Small Intestine	21. _____
V. Spleen	22. _____
W. Trachea	23. _____

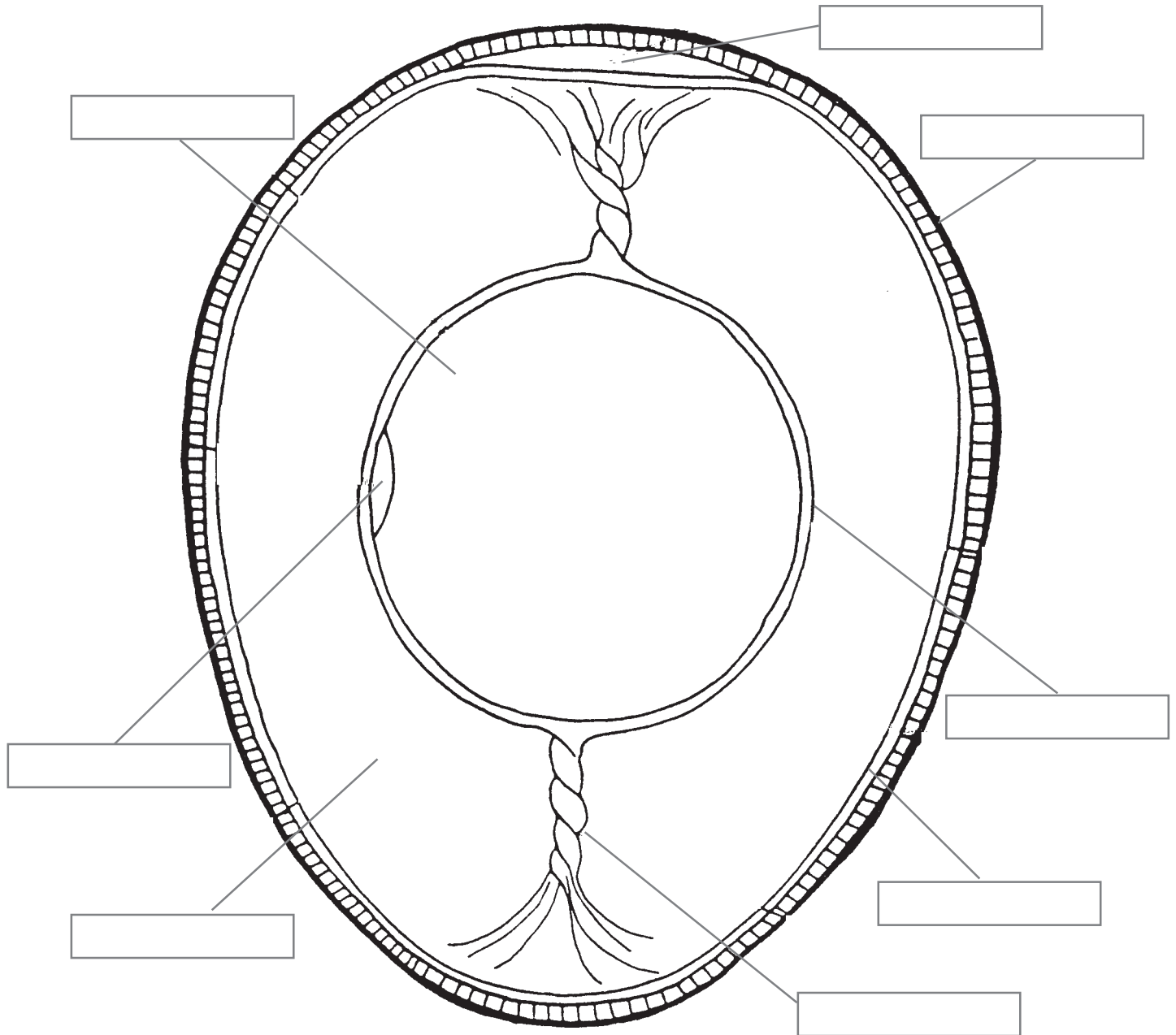


Match the symptom on the left with the Disease (in the center). Then match the treatment on the right.

Symptoms of Disease	Disease	Treatment for Disease
A. Paralysis, weakness, loss of weight and blindness especially in young birds.	— Cecal Worms —	1. Flush with Epsom salts in water or give potassium permanganate in drinking water.
B. Known as limber neck, muscular paralysis, overall weakness.	— Coccidiosis —	2. Dewormers can be used for treatment, many are considered off label for chickens so consult your Veterinarian or Livestock Agent.
C. Anemia, stress, itching, losing feathers, weight loss and redness/scabs on skin.	— Lice and Mites —	3. Prevention with vaccination, medicated starter feed and/or probiotics.
D. Bloody diarrhea, weight loss, young birds' death.	— Newcastle Disease —	4. No treatment but a vaccine for prevention.
E. Contributes to Blackhead disease but clinical signs may be listlessness, un-thriftiness and depression.	— Colibacillosis —	5. Prevention is key but treatment with an appropriately labeled insecticidal powder.
F. Viral and can cause cancer of the bird's nervous tissue - results in paralysis, weakness, weight loss and blindness.	— Mycoplasmosis —	6. Antibiotics such as tetracyclines, sulfas, ampicillin, and streptomycin have been for some control.
G. High mortality depression, anorexia, mucoid discharge from the mouth, ruffled feathers, diarrhea, and increased respiratory rate.	— Botulism —	7. No treatment but antibiotics can help with some symptoms. Birds will always have it for life and infect other birds.
H. Depression, loss of appetite, cessation of egg laying, nervous signs, swelling and blue discoloration of combs and wattles due to disturbance of blood circulation, coughing, sneezing and diarrhea. Sudden death can occur without any previous signs.	— Marek's Disease —	8. No treatment but a vaccine for prevention is available.
I. Caused by a pathogenic strain of Escherichia coli. Signs vary and can include acute fatal septicemia, airsacculitis, pericarditis, perihepatitis, and lymphocytic depletion of the bursa and thymus.	— Fowl Cholera —	9. Best practice is to have a monitoring system in place and biosecurity measures as prevention. In case the disease is detected, a culling policy is commonly used to contain and eradicate the disease.
J. Respiratory onset with watery eyes, tracheal rales, nasal discharge, coughing and off feed.	— Avian Influenza —	10. Tetracycline IM injections and also water-soluble tetracycline - often used jointly.

Egg Parts

Color each part of the egg a different color
and label each part of the egg.



Use each word only once:

air cell
germinal disc
vitelline membrane

albumen or white
membranes
yolk

chalaza
shell

People Who Work in Egg Production

There are many people involved in each part of the egg production industry. Match the following job titles to what they are responsible for.

Breeders

Egg Producers

Health and Welfare

Nutritionists

Researcher

Veterinarian

I work with the egg producers to identify and treat sick, diseased or injured hens. Sick hens are removed from the laying sheds until they recover. This is done to prevent the spread of any infectious diseases. Non-infectious diseases are diagnosed and remedies suggested. I can give vaccinations, medicines or suggest a special diet.

Who am I? _____

We are the people or corporations who own our own egg production farms. We are involved in cage, free range or barn egg production. We provide the chickens with a safe, healthy environment, plenty of nutritious food, clean water and egg laying areas.

Who are we? _____

When the egg producer needs food for his chickens, he knows that I have developed chicken food that will help his hens remain healthy and produce good quality eggs. The food contains a variety of grains plus vitamins and minerals. I am constantly working on new products to improve the quality of the eggs we eat.

Who am I? _____

I oversee the next generation of flocks. Some chickens are bred especially for laying eggs. They are different from chickens that are bred for meat production. There are other people who breed chickens for showing. Their chickens are called Fancy Breeds and are shown in special shows. Many people enjoy that activity.

Who am I? _____

My job is to help make sure all chickens are kept in conditions that are not stressful or harmful. I aim to ensure the hens are not treated cruelly and are able to do the things they like to do. My colleagues and I ensure that the hens are housed according to regulations set by the egg industry and ensure disease prevention is enforced.

Who am I? _____

One of the tasks that I am responsible for is to research answers to the problems of egg producers. We find ways to improve egg production techniques by developing better equipment for housing the hens, collecting the eggs, and grading and packaging processes.

Who am I? _____

My Chicken Project Journal

Please complete a MINIMUM of three (3) journal entries for your chicken project. You may attach additional pages as needed. Describe the overall care and training for each stage of your project.

Journal Entry #1

Journal Entry #2

Journal Entry #3

Animal Care and Management

Your project requires regular care and management. List the things necessary to take care of your chickens.

Include the following:

- Feeding and watering practices
- Health practices and medicines
- General Management (cleaning living area, etc.)

Daily - Things done once or twice a day
Weekly - Things done once or twice a week
Monthly - Things done once a month

Equipment and Supply Inventory

List any previously owned equipment and equipment or supplies you purchase to the list. We realize that equipment can be shared between youth. Please estimate the cost value for any shared equipment. Example: 1 feeder shared between 2 youth - $\$14/2=\7 each.

Supply List and Quantity	Owned or Purchased	Cost
Example: 3 plastic feeders	Already Owned	
Example: 1 plastic waterer	Purchased	\$15.00

Feed Record and Expenses

Good records show your expenses for feed and the type of feed you use for your project. Home-raised feed should be valued at market price. Record your cost in feed below.

Type and Cost of Feed Used			
Date of Purchase	Amount (lbs)	Type of Feed (grower, finisher, layer)	Cost of Value

Feed Tag

Attach a feed tag or label from one feed being used for your chickens. If it is a homemade mix, please describe the mix.

Economics of Poultry Production

Using the information given, answer the questions for this scenario.

Your school received 30 straight run broiler chicks on March 13th. You fed the chicken medications chick starter and paid \$18 for a 50-pound bag. Two chicks died while you were raising them. The broilers were harvested on May 4th. The harvested chickens weighed an average of 5 pounds each. The chicken dressing yield was 73% of live weight. You are charging \$3.00 per pound dressed weight.

1. How many days were the broilers on feed? (don't count the day they were harvested)

2. Calculate feed expenses per chicken per flock.

a. \$/pound of feed:

\$_____ cost of a bag of feed / _____ lbs. in a bag = \$_____ per pound.

b. Feed costs per chicken:

_____ pounds live weight per chicken x _____ feed conversion x \$_____ feed cost/pound = \$ _____/chicken

c. Total feed costs per flock:

_____ # chickens harvested x _____ feed costs per chicken = \$ _____

3. Figure dressing weight and income for chickens sold.

a. Dressing weight:

_____ dressing yield x _____ pound live weight/bird = _____ pounds of dressed weight/chicken.

b. What is the price you will receive for each chicken you sell?

_____ dressed weight/chicken x \$ _____/pound = \$ _____/chicken

c. What is your total income?

\$ _____/chicken x _____ number of chickens harvested = \$ _____



Program Year: _____

SECTION 3

4-H Project Focus

(Name of 4-H Project)

We “learn by doing” in 4-H. List the specific things you learned and did in this project area during the past year. List both things that you learned and skills that you gained. Please list the most important presentations, talks, exhibits, camps, judging events, workshops, or any other learning experiences in which you have participated related to your project. Include dates and level of participation. Please list the work you have done this year (from January – December) using a bullet statement, list, and/or chart.

What did you do in this project this year and when?	What did you learn?	Level
Sample: I showed 5 goats in the NC State Fair in October.	Sample: I learned the parts of a goat, how to groom a goat, and how to place the goat's feet in a show.	S
When completing your project record or portfolio, you may delete examples above.		

(Attach pages here)

Did you spend or make any money on your project?

How much did you spend? How much did you make?

SECTION 4

Leadership/Citizenship/Community Service



In this section, please make a list of the things you have done involving citizenship, community service, and leadership. If you are listing non 4-H activities, please list only those for which 4-H has helped you prepare. If



your 4-H project focus is on Leadership, Citizenship or Community Service you may write "See Section 3" as your answer in this section or use it to continue adding project work for Section 3. **Leadership** includes holding offices and serving on committees. **Community service** activities might include fundraising for a community organization or assisting with the Fire Department raffle. List the number of hours you volunteered and who did you help. You might also begin to learn about **citizenship** by going to county commissioners or town council meetings, and learning flag etiquette.

- List ways you have been a leader and/or have learned about leadership.
- Please denote 4-H activities with an asterisk.
- If you are listing non 4-H activities, please list only those for which 4-H has helped you prepare.
- Before you list the activity put and L for Leadership, C for Citizenship and CS for Community Service.



Example:

Activity - L=Leadership, C=Citizenship, CS=Community Service	Accomplishment	Level
L - Led the 4-H pledge	15 members	C
L - Led an icebreaker activity at County Council	Led 12 4-H'ers in the Human Knot/1 hour	C
C - Recited the 4-H pledge		C
C - Learned about each of the club officer positions		C
CS - Donated 6 canned goods for Food for Families Food Drive	1 hour, 6 items	D
CS - Wrote letters to soldiers	3 hours, 20 letters	N

(Attach pages here)



*Level = L - Local, C - County, D - District, S - State, R - Regional, N - National

Self-Expression

Use the following three pages for photos, drawings, written work, etc. that you would like to share about your project that you have not previously shared.





