

# Wabash County 4-H Sheep Worksheet



## Grade 3

Name: \_\_\_\_\_ 4-H Club: \_\_\_\_\_

**Answers to these questions can be found in the "Sheep Resource Handbook" 4-H 194 R**

Use Chapter 1 to answer the following questions:

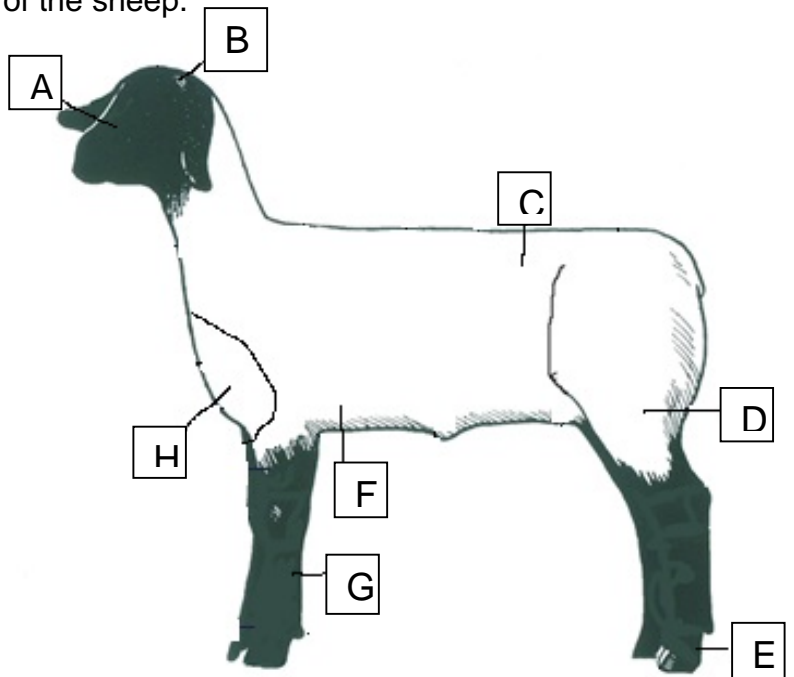
1. Write the letter of the definition next to the correct vocabulary word.

- |                |   |
|----------------|---|
| ____ Breed     | a. a young sheep, either male or female under 1 year of age |
| ____ Crossbred | b. a male or female sheep between 1 and 2 years of age      |
| ____ Ewe       | c. a group of sheep with similar characteristics            |
| ____ Wether    | d. female sheep of any age                                  |
| ____ Lamb      | e. male sheep that has been castrated at an early age       |
| ____ Purebred  | e. a sheep or lamb whose parents are of different breeds    |
| ____ Yearling  | f. an individual sheep whose parents are of the same breed  |

Use Chapter 2 to answer the following questions:

2. Match the correct letter to the correct part of the sheep.

- \_\_\_\_ FORE FLANK
- \_\_\_\_ LOIN
- \_\_\_\_ PASTERN
- \_\_\_\_ LEG
- \_\_\_\_ BRISKET
- \_\_\_\_ POLL
- \_\_\_\_ CANNON
- \_\_\_\_ FACE



Use Chapter 3 to answer the following questions:

1. When thinking about how to manage your animal. Always move \_\_\_\_\_ and \_\_\_\_\_ when working with sheep.
2. For the least amount of risk of hurting the animal, where is the best place to catch a sheep?  
\_\_\_\_\_.

Use Chapter 4 to answer the following questions about feeding your sheep.

3. Sheep should \_\_\_\_\_ have access to a supply of clean, fresh water.
4. How do you make sure your sheep get the correct nutrients through the feed you are providing?

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Use Chapter 8 to answer to following questions:

5. You should start taking your animal out for a daily walk at least \_\_\_\_\_ before the show at the fair.

6. What are three things you should bring with you to help you take care of your sheep at the fair?

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_

Use chapter 9 to answer the following question about safely working with your sheep:

7. Shadows, \_\_\_\_\_, and rapid changes in lighting can \_\_\_\_\_ animals and make their behavior \_\_\_\_\_.

Please answer the general questions below.

8. Describe the type of housing you provide your animal?

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9. What was your favorite part of the project this year?

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# Wabash County 4-H Sheep Worksheet

## Grade 4

Name: \_\_\_\_\_ 4-H Club: \_\_\_\_\_

**Answers to these questions can be found in the "Sheep Resource Handbook" 4-H 194 R**

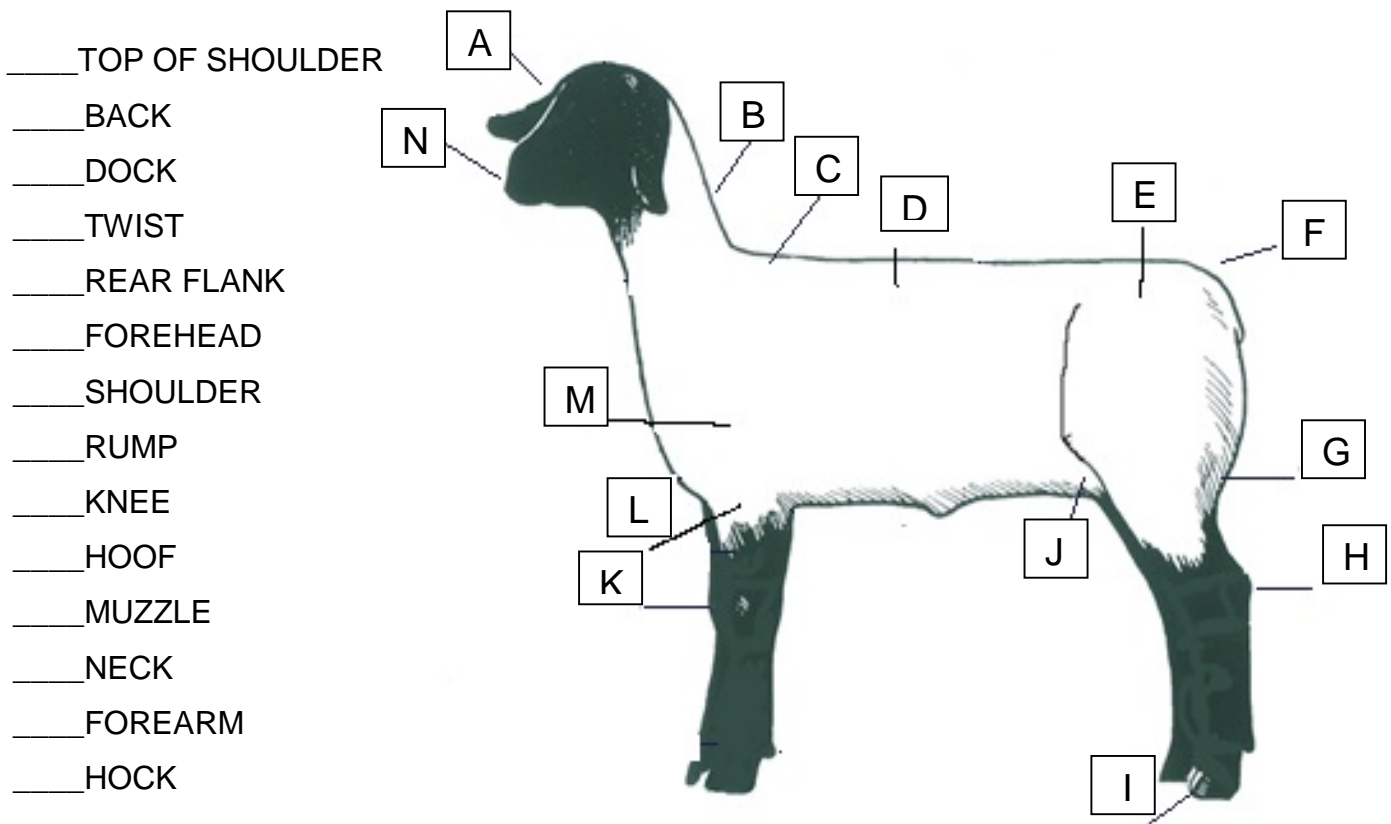
Use Chapter 1 to answer the following questions:

1. Write the letter of the definition next to the correct vocabulary word.

- |              |   |
|--------------|---|
| ___ Breeder  | a. a group of sheep that are managed together             |
| ___ Fleece   | b. small horn buttons attached to the skin                |
| ___ Flock    | c. the owner of the parents of a lamb when they are mated |
| ___ Shearing | d. a person who cares for sheep                           |
| ___ Shepherd | e. removing the wool from the sheep                       |
| ___ Scurs    | f. the wool from the sheep                                |

Use Chapter 2 to answer the following questions:

2. Match the correct letter to the correct part of the sheep.



Use Chapter 3 "Management Practices" to answer the following questions:

3. List five general needs for your sheep pen.

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_
- e. \_\_\_\_\_

4. Name two reasons you should shear your market lamb.

- a. \_\_\_\_\_
- b. \_\_\_\_\_

Use Chapter 4 "Nutrition" to answer the following questions:

5. What are the five categories of nutrients?

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_
- e. \_\_\_\_\_

6. Why do sheep need minerals?

\_\_\_\_\_  
\_\_\_\_\_

Use Chapter 8 "Showing and Selling Sheep" to answer to following questions:

7. Sheep should be completely sheared how many days before the show? \_\_\_\_\_

8. You should bring your sheep into the ring \_\_\_\_\_, keeping them at a \_\_\_\_\_ speed.

Additional Questions:

9. Review the list of care for animals on page 138. List four things on the list that you are already doing. \_\_\_\_\_  
\_\_\_\_\_

10. What are two things you want to improve in the way you care for your animal?

\_\_\_\_\_  
\_\_\_\_\_



# Wabash County 4-H Sheep Worksheet

## Grade 5



Name: \_\_\_\_\_ 4-H Club: \_\_\_\_\_

Answers to these questions can be found in the "Sheep Resource Handbook" 4-H 194 R

Use Chapter 1 to answer the following questions:

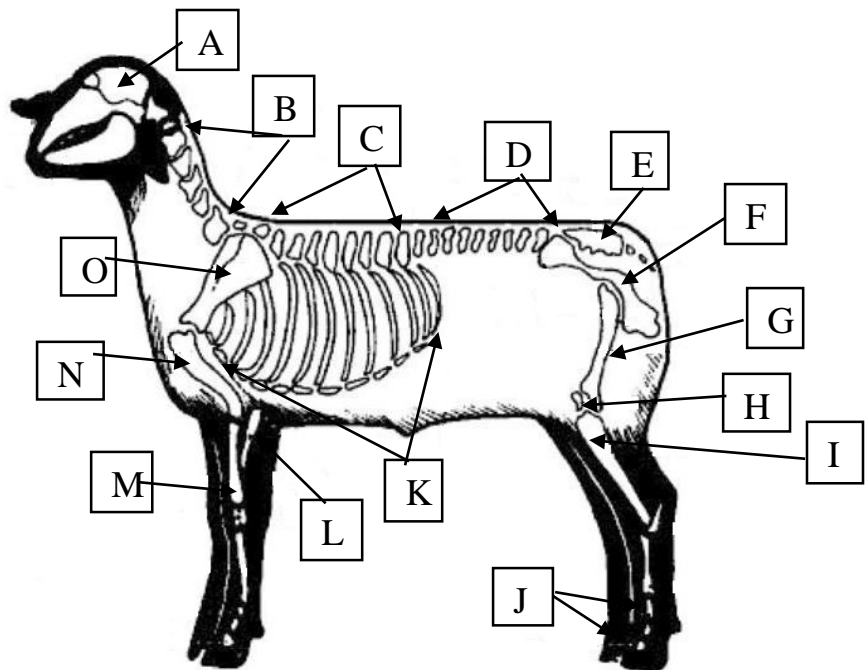
1. Write the letter of the definition next to the vocabulary word it matches.

- |                 |  |
|-----------------|--|
| ___ Incisors    | a. meat from sheep older than 12 months of age                             |
| ___ Polled      | b. naturally hornless  |
| ___ Tagging     | c. the fat within the muscle   |
| ___ Concentrate | d. a feed high in nutrients and low in fibrous materials                   |
| ___ Marbling    | e. front teeth   |
| ___ Gestation   | f. Trimming/shearing the wool away from the tail or dock area              |
| ___ Mutton      | g. Removal of the tail   |
| ___ Docking     | h. time from the date the ewe is mated with the ram until the lamb is born |

Use Chapter 2 to answer the following questions:

2. Match the correct letter to the correct part of the sheep.

- \_\_\_ Ribs
- \_\_\_ Thoracic Vertebrae
- \_\_\_ Sacrum
- \_\_\_ Humerus
- \_\_\_ Phalanges
- \_\_\_ Patella
- \_\_\_ Pelvis
- \_\_\_ Lumbar Vertebrae
- \_\_\_ Tibia
- \_\_\_ Scapula
- \_\_\_ Cranium
- \_\_\_ Radius
- \_\_\_ Cervical Vertebrae
- \_\_\_ Femur
- \_\_\_ Ulna



Use the feed label (and page 63 in the manual) to the right to answer the following questions:

3. What is the active drug ingredient?

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4. What is the maximum crude fat?

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5. What vitamins are in the feed?

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6. What disease does this prevent?

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7. What growth stage should receive this feed?

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Net Weight 50 Pounds

**GRO-MOR**  
16% Lamb Finisher B  
**Medicated**  
For the prevention of coccidiosis caused by *Eimeria ovina*,  
*E. crandallis*, *E. ovinoidalis*, *E. ninakohlyakimovae*, *E.*  
*parva*, and *E. intricata*.

**Active Drug Ingredient**

Lasalocid ..... 30 gm/ton

**Guaranteed Analysis**

Crude Protein	.....	Min. 16.00%
(Includes not more than 1.0% Crude protein equivalent from nonprotein nitrogen)		
Crude Fat	.....	Min. 2.50%
Crude Fiber	.....	Max. 4.75%
Calcium	.....	Min. 0.40%      Max. 0.50%
Phosphorus	.....	Min. 0.60%
Salt	.....	Min. 0.40%      Max. 0.60%

**Ingredients**

Grain Products, Animal Protein Products, Plant Protein Products, Dicalcium Phosphate, Calcium Carbonate, Salt, Potassium Chloride, Magnesium Oxide, Vitamin A Acetate in Gelatin, D-Activated Animal Sterol (Source of Vitamin D3), Vitamin E Supplement, Menadione Dimethylprimidinol Bisulfite (Source of Vitamin K), Riboflavin Supplement, D-Calcium Pantothenate, Niacin, Vitamin B12 Supplement, Choline Chloride, Zinc Oxide, Ethylene Diamine Dihydrodiode, Cobalt Carbonate, and Sodium Selenite.

**Caution**

The safety of Lasalocid in unapproved species and breeding animals has not been established. Do not allow horses or other equines access to Lasalocid as ingestion may be fatal. Feeding undiluted or mixing errors resulting in excessive concentrations of Lasalocid could be fatal to sheep.

**Feeding Directions**

Feed as the sole ration to lambs from 80 pounds body weight to market. Feed continuously to provide not less than 15 mg. nor more 75 mg. of Lasalocid per head per day depending on body weight. Provide plenty of clean fresh water.

Manufactured by: XYZ Feed Company  
Sheep Division  
Anytown, USA 12345

**16% LAMB FINISHER B**

Please answer the general questions below.

8. Why did you select this project?

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9. What type of housing are you providing for your animal and what three things would you like to improve in the care of your animal? \_\_\_\_\_

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10. Now that you have identified some areas to improve, please list your specific goals for this year.

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# Wabash County 4-H Sheep Worksheet

## Grade 6



Name: \_\_\_\_\_ 4-H Club: \_\_\_\_\_

**Answers to these questions can be found in the “Sheep Resource Handbook” 4-H 194 R**

1. Using the glossary found in chapter 1, match the words to their definitions.

- |               |   |
|---------------|---|
| ___ Breeder   | a. A group of sheep that are managed together                 |
| ___ Fleece    | b. Small horn buttons attached to the skin                    |
| ___ Tagging   | c. The wool from the sheep                                    |
| ___ Flock     | d. The owner of the parents of a lamb when they are mated     |
| ___ Shearing  | e. A person who cares for sheep                               |
| ___ Shepherd  | f. Trimming/shearing the wool away from the tail or dock area |
| ___ Scurs     | g. Removal of the tail  |
| ___ Docking   | h. Removing the wool from the sheep                           |
| ___ Mutton    | i. The fat within the muscle                                  |
| ___ Ram       | j. A male sheep of any age or a buck                          |
| ___ Meat type | k. The meat from sheep older than 12 months of age            |
| ___ Marbling  | l. Breeds of sheep that are used primarily production of meat |

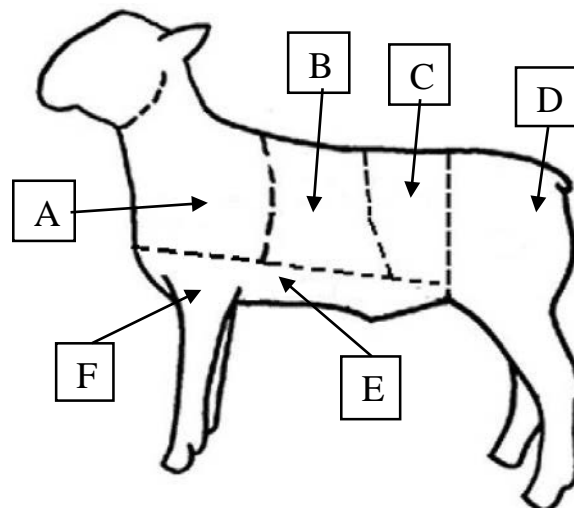
Use Chapter 7 “Sheep Products” to answer the following questions:

2. List the two main sheep products. a. \_\_\_\_\_ b. \_\_\_\_\_
3. List four sheep By-Products. a. \_\_\_\_\_ b. \_\_\_\_\_  
c. \_\_\_\_\_ d. \_\_\_\_\_

Use Chapter 6 “Carcass Evaluation and Meats” to answer the following questions.

4. Match the meat sections below with the correct name for that cut of meat.

- \_\_\_ Loin
- \_\_\_ Foreshank
- \_\_\_ Leg
- \_\_\_ Shoulder
- \_\_\_ Breast
- \_\_\_ Rack



Use Chapter 5 "Health Practices" to answer the following questions.

5. Watch your flock closely to spot health problems early. List 4 things that indicate that a sheep is healthy.

- a. \_\_\_\_\_ b. \_\_\_\_\_
- c. \_\_\_\_\_ d. \_\_\_\_\_

6. Review the *Suggestions for Proper Use of Animal Drugs*. Identify two things that you do to properly administer drugs to your sheep.

- a. \_\_\_\_\_ b. \_\_\_\_\_

Why do you think it is important to know the proper ways to administer drugs?

\_\_\_\_\_

Use Chapter 8 "Showing and Selling Sheep" to answer the following questions:

7. List two things that are considered to be "fitting" your lamb?

- a. \_\_\_\_\_ b. \_\_\_\_\_

8. List three things that are key to showing your sheep in the ring.

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_

Use Chapter 9 "Working Safely with Sheep" to answer the following questions:

9. What type of diseases can be transmitted between animals and humans? \_\_\_\_\_

10. What are two ways these diseases can be transmitted to the animal handler?

- a. \_\_\_\_\_ b. \_\_\_\_\_

Use Chapter 13 "Caring for Animals" to help you answer the following questions:

11. List three responsibilities you have as an animal caregiver.

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_

12. What 4 things could you start doing or change in order to improve the care of your animal?

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_





# Wabash County 4-H Sheep Worksheet

## Grade 7



Name: \_\_\_\_\_ 4-H Club: \_\_\_\_\_

**Answers to these questions can be found in the “Sheep Resource Handbook” 4-H 194 R**

Use Chapter 4 “Nutrition” to answer the following questions:

1. A sheep is a \_\_\_\_\_. This means that it has more than one \_\_\_\_\_ in its stomach.
2. List the compartments that make up a sheep’s stomach.
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
  - c. \_\_\_\_\_
  - d. \_\_\_\_\_

Use Chapter 6 “Carcass Evaluation and Meats” to answer the following questions.

3. What are the USDA quality grades for lambs and yearling carcasses?
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
  - c. \_\_\_\_\_
  - d. \_\_\_\_\_
4. What does the word finish refer to in terms of meats?  
\_\_\_\_\_

Use Chapter 7 “Sheep Products” to answer the following questions.

5. When selling wool, what could contaminate it and result in a lower value?  
\_\_\_\_\_  
\_\_\_\_\_
6. Sheep wool is used in what two major classes?
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
7. Selling wool is a way to make some extra money. What are three options for selling wool?
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
  - c. \_\_\_\_\_

Use Chapter 2 "Selection: The First Step" to answer the following questions.

8. What are the main points to consider when judging market lambs?

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_

9. In addition to the three points above, breeding sheep are also judge on what four additional points?

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_

Please answer the questions below based on the explanation of Showing Ring Ethics on page 150:

10. List the six Pillars of Character.

- a. \_\_\_\_\_ b. \_\_\_\_\_
- b. \_\_\_\_\_ d. \_\_\_\_\_
- e. \_\_\_\_\_ f. \_\_\_\_\_

11. Choose one Pillar of Character and describe how you could practice that pillar.

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12. What are some ways that you could teach younger 4-H members about ethics and the 6 Pillars of Character when showing livestock?

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# Wabash County 4-H Sheep Worksheet

## Grade 8



Name: \_\_\_\_\_ 4-H Club: \_\_\_\_\_

**Answers to these questions can be found in the “Sheep Resource Handbook” 4-H 194 R**

Use Chapter 3 “Management Practices” to answer the following questions:

1. Using the table on page 21 that gives dimensions based upon the need for one lamb, if you are hand feeding 10 lambs, how much trough space do you need to allow? Show your work in the space provided.

2. Using the table on page 21 that gives dimensions based upon the need for one ewe, if you have 20 ewes how much pasture do you need to feed them? Show your work in the space provided.

3. Why would one need to set a sheep up on its rump?

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4. Identify the five steps identified for setting a sheep up on its rump.

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_
- e. \_\_\_\_\_

5. Why is animal identification important and necessary in the 4-H sheep project?

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Use the Show Ring Ethics information on page 150 of your manual to answer the following questions:

6. Without naming any names, discuss a practice that you have seen or heard about that you think was an unethical practice in relationship to showing an animal.

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7. In thinking about your answer to number 6, why do you feel that this practice was wrong?

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Use Chapter 10 "Sheep Industry and Sheep" to help you with the following questions.

8. List breed(s) of sheep are you showing this year? Give a brief description of each breed based on the information provided in your manual.

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9. What is your favorite breed to show and why?

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10. Identify and briefly describe each of the four types of sheep operations in the United States.

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b. 

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c. 

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d. 

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# Wabash County 4-H Sheep Worksheet



## Grade 9

Name: \_\_\_\_\_ 4-H Club: \_\_\_\_\_

**Answers to these questions can be found in the “Sheep Resource Handbook” 4-H 194 R**

Use Chapter 5 “Health Maintenance and Diseases to answer the following questions:

1. Today is May 15. You have a Suffolk market lamb weighing 95 pounds named “Benny” with ID 92123. The vet has looked at him and determined that he has worms. He gives you Levisale to treat “Benny” for worms. Complete the chart using the following dosage information. Give 2mL per 100 pounds not to exceed 10 mL in one shot. Withdrawal time is 10 days prior to market.

Treatment Date & Time	Animal ID Species Description	Condition Being Treated	Estimated Weight	Treatment Given (Medicine)	Print Name of Person Who Gave Treatment	Instructed Withdrawal	Results Comments	Date & Time Withdrawal Complete	Vet Name address Phone

2. Review the information above. Is it acceptable to show your lamb at the county 4-H fair? Explain.

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3. It is difficult for some to understand why it is necessary for 4-H members to know and abide by withdrawal times when they “just want to show at the 4-H fair.” Why do you think it is important for 4-H members to understand and follow withdrawal time? Be sure to consider whether or not 4-H sheep have an impact on the sheep/lamb market.

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4. Think of a health concern that you have had with one of your sheep either this year or in the past. How did you make sure that you care for your animal in a way that was safe and by disease maintenance standards?

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Use Chapter 4 "Nutrition" to answer the following questions:

5. At the sheep weigh-in your lamb weighed 66 pounds. When you check it in at the county fair it weighs 124 pounds. It was 70 days between the events. What is your lambs Average Daily Gain? Show your work in the space provided.

6. Describe the difference in feeding Ewes during the three different stages of pregnancy.

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7. Describe what you feed your sheep and how you decided what to feed them.

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Use "Show Ring Ethics" on page 150 of your manual to answer the following questions:

List some benefits you have gained from your past show ring experiences.

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Describe what you feel is appropriate behavior when you win.

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What behavior is appropriate when you don't place where you had hoped?

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 **Wabash County 4-H Sheep Worksheet**   
Grade 10

Name: \_\_\_\_\_ 4-H Club: \_\_\_\_\_

**Answers to these questions can be found in the “Sheep Resource Handbook” 4-H 194 R**

Use Chapter 11 “Reproduction and Genetics” to help you with the following questions.

1. Match the following hormones to the definitions:

- |                               |   |
|-------------------------------|---|
| _____ Estrogen                | A. Maintains pregnancy                          |
| _____ FSH                     | B. Allows the female to come into heat again.   |
| _____ GnRH                    | C. Causes the development of the sex organs     |
| _____ Progesterone            | D. Stimulate the development of the ova         |
| _____ Prostaglandin F-2 Alpha | E. Causes the secretion of the male sex hormone |
| _____ LH                      | F. Development of sex organs in the male        |
| _____ Testosterone            | G. Triggers the release of FSH and LH           |

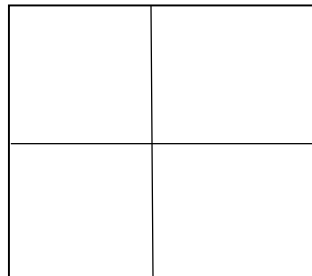
2. Identify the differences between outbreeding, inbreeding, and linebreeding.

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3. Find the genotype and phenotype of the following:  
Ram is an RR and the Ewe is an Rr.



4. Explain how the genetic principles applies to you and selection of your 4-H sheep.

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5. Define “defect” and identify three different defects that can occur in sheep.

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Use Chapter 12 "Careers in Animal Science" to help you with the following questions.

6. 4-H livestock projects teach about animal science. Identify some skills or knowledge you have gained in the 4-H sheep project that could relate to a career in the field of animal science.

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7. Identify some animal science careers that are directly related to skills learned in the sheep project.

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8. Based upon reading and personal experience, what are some ways Agribusiness plays a role in the 4-H program?

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Use the Show Ring Ethics information on page 150 of your manual to answer the following questions:

9. Could you be a "winner" showing an animal without getting a champion ribbon? Explain.

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10. What are some methods that Wabash County could implement to start recognizing exhibitors for skills gained through livestock projects/shows? This would be in addition to awards and recognition received in the show ring.

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# Wabash County 4-H Sheep Worksheet: Grade 11



Name: \_\_\_\_\_

4-H Club: \_\_\_\_\_

Use the "Sheep Resource Handbook" 4-H 194 R for assistance with completing this worksheet.

This year, you will track your expenses and complete the following chart to help you learn about the costs associated with keeping livestock. You may choose to monitor expenses for 1 particular animal or total expenses if fed by group. Please keep detailed records.

Date	From whom purchased	Description of item	Quantity	Total Expenses-- Value or Amount Paid \$	Animals <sup>1</sup> \$	Feed <sup>1</sup> \$	Breeding fees, implants, vet & medical fees \$	Manure disposal bedding & trucking	Fencing, buildings, machinery & supplies <sup>2</sup> \$	Interest, insurance, depreciation & taxes \$
<i>Jan. 2</i>	<i>Father - home grown</i>	<i>shelled corn</i>	<i>10 bushels</i>	<i>40.00</i>		<i>40.00</i>				
Totals										
Average expense per animal										

Cost or value--home raised or purchased. The cost of these items should be spread over their years of usable life. For example, the usable life of a \$500 fence may be 20 years. Therefore, \$500 divided by 20 years equals \$25 per year.

**RECEIPTS**

Date	To Whom Sold	Item Sold	Quantity	Total Receipts-- Value or Amount Received \$	Animals <sup>1</sup> \$	Breeding Fees \$	Milk, Wool \$	Manure	Miscellaneous \$
			Total						
			Average receipts per animal						

<sup>1</sup>If an animal is not yet sold or it is to be kept, give estimated final value.

### Record Summary

	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	Total
a. Total expenses (page 2)							
b. Total receipts (page 3)							
c. Profit or loss (b - a)							

d. Hours of Labor for actual production \_\_\_\_\_ e. Hours of labor for show preparation \_\_\_\_\_ f. Profit or loss per productions hours \_\_\_\_\_

What are your annual costs of keeping each animal?

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How could you lower your annual costs?

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# Wabash County 4-H Sheep Worksheet

## Grade 12



Name: \_\_\_\_\_ 4-H Club: \_\_\_\_\_

**The questions on this year's worksheet are to encourage you to set goals and reflect upon what you learned during your 4-H tenure. As you answer the questions, think about what you learned in 4-H and what you would like to get out of your final year in the sheep project. Your worksheet grade will be based upon how completely and thoughtfully you answer each question.**

1. When you turn in this worksheet, include a picture of yourself with your favorite sheep/lamb.
2. What are your goals for the sheep project this year?

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3. What steps will you take to meet your goals?

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4. In what ways have you mentored younger 4-H members in the sheep project?

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5. How has your experience in the sheep project help you to become a better leader and/or citizen?

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6. Describe some skills you have learned through participation in the 4-H sheep project.

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7. Tell about any 4-H volunteers, leaders, or other 4-H member who have helped and/or positively impacted your 4-H experience. How were they influential to you?

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8. One goal of Indiana 4-H is to develop leadership skills in the members. Identify some ways that Wabash County 4-H could better develop the leadership skills in older 4-H members in the sheep project. In addition, what ideas do you have for giving older 4-H members more roles in leadership capacities within the county 4-H program and sheep project?

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