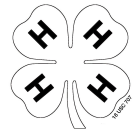


# 4-H SWINE WORKSHEET

## Grade 9



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

Answers to these questions can be found in the "Swine Resource Handbook" 4-H 134 R

1. In chapter 6, you will learn about the nutritional value of pork. How does pork compare to other meats for fat, calories and cholesterol?

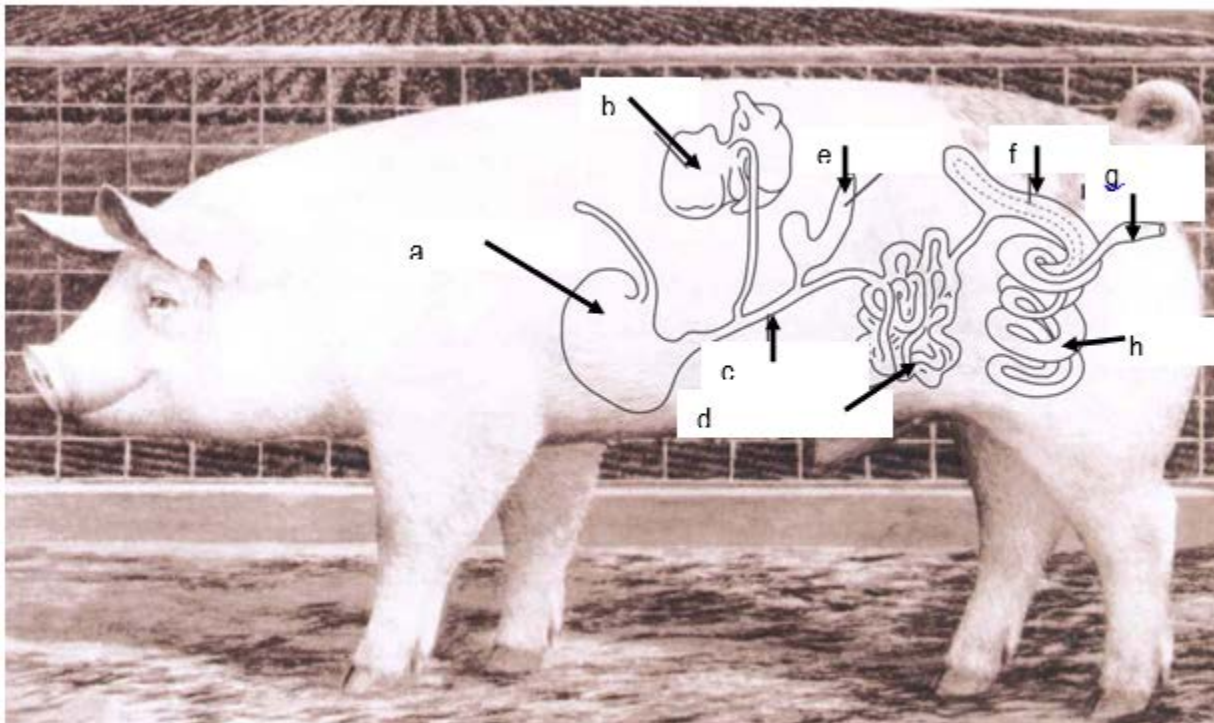
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2. Chapter 7 discusses the digestive system of swine. Write the letter next the word that corresponds to the correct digestive tract placement.

- |             |              |              |                     |
|-------------|--------------|--------------|---------------------|
| ___ STOMACH | ___ LIVER    | ___ PANCREAS | ___ COLON           |
| ___ CECUM   | ___ DUODENUM | ___ RECTUM   | ___ SMALL INTESTINE |



3. In chapter 8 nutrition is discussed. What are carbohydrates and fats important in a pig's diet?

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4. Match the following swine diseases with their descriptions as discussed in chapter 9.

- \_\_\_\_\_ 1. Anemia
- \_\_\_\_\_ 2. Ileitis
- \_\_\_\_\_ 3. Mycoplasma Pneumonia
- \_\_\_\_\_ 4. Parvovirus
- \_\_\_\_\_ 5. Salmonellosis
- \_\_\_\_\_ 6. Swine Influenza

- a. Pigs have a dry, nonproductive cough that is most noticeable after exercise.cH
- b. Virus that causes a short but severe respiratory disease episode.
- c. Bacterial infection that leads to septicemia and pneumonia.
- d. Iron deficiency, pale skin and unthrifty appearance.
- e. Infection causing reproductive failure.
- f. Bacteria infect the intestinal tract causing it to become thickened and diarrhea.

5 Refer to the Pillar of Character on page 24-21. List one pillar and describe how you will practice that pillar during this 4-H year.

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6. Chapter 25 talks about careers in animal science. What are the four major areas of animal science careers? \_\_\_\_\_

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7. If you were going into a career in the swine industry, what would you choose to do and why?

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Answer the following questions based on your experiences.

8. On average, how many hours per week have you spent with your animal? \_\_\_\_\_

9. List any health problems and/or medications & vaccinations given to your animal.

Health Problem/Vaccinations	Treatment	Date

10. When considering the cost of raising your animal and your expected income from the sale of that animal, what is your projected income or loss for this animal? \_\_\_\_\_



# DEKALB COUNTY LIVESTOCK RECORD

(Check one)

- Beef
- Goat
- Feeder Calf
- Swine
- Sheep
- Dairy
- Dairy Beef

**You need to be keeping Monthly records. Use separate pages to record your monthly data and use this form to summarize your information.**

Name \_\_\_\_\_ Grade \_\_\_\_\_

Club \_\_\_\_\_ (of participation)      Years in 4-H \_\_\_\_\_ (including this year)      Years in this project \_\_\_\_\_ (including this year)

**Table 1. Inventory of 4-H Project Animals**

ID/Registration #	Animal's Name	Breed	Sex	Date of Birth	Value

(add more pages, if necessary)

**Table 2. List the items you feed to your animals (include type of feed, quantity, costs).**

Type of Feed	Total Amount Fed	Total Cost or Estimated Value of Feed
	#	\$
	#	\$
	#	\$
	#	\$
<b>Grand Total</b>	<b>#</b>	<b>\$</b>

Did you give a demonstration?      Yes \_\_\_\_\_      No \_\_\_\_\_  
If yes, list the date given, title of demonstration and number of people present.

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

List any tours, workshops, clinics, etc. you participated in relating to this project.

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

<b>Financial Summary</b>	
<b>Item</b>	<b>Cost</b>
<b>Income</b>	
Sale of animals (estimate income, if not yet sold) OR estimate value for breeding animals.	
Any other income from project (i.e. Open Shows)	
<b>Total Income</b>	<b>\$</b>
<b>Expenses</b>	
Cost of animals	
Feed costs (growing rations, finishing rations, etc.)	
Veterinary/medical fees/health paper fees	
Housing or Rent	
Manure Handling	
Bedding	
Fencing	
Transportation	
Equipment (feed, show, groom)	
Other (List)	
<b>Total Expenses</b>	<b>\$</b>
<b>Income – Expenses: Actual or Projected Profit (loss)</b>	<b>\$</b>

<b>For Market Animals Only</b>					
Feed Record:	No. 1	No. 2	No. 3	No. 4	No. 5
1. Estimate weight of animal in early Sept.					
2. Initial weight of animal (estimate or weigh-in weight)					
3. Total weight gain (line 2 minus line 1)					
4. Number of days fed					
5. Average daily gain (line 3 divided by line 4)					
6. Total pounds feed fed					
7. Pounds feed per pound gain					