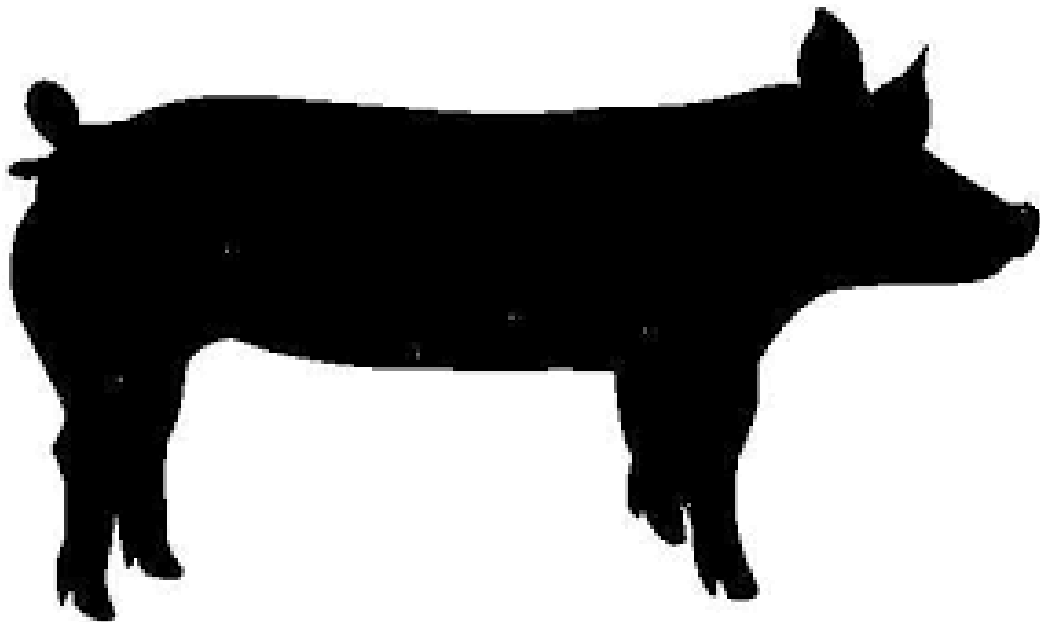


SWINE



**Livestock Project Information &
Skillathon Study Packet**

2018 Hog Project Requirement Guide

Project Information

Please note that project information can change. Members are responsible for reading correspondence including newsletters and letters.

❖ **Project Book:**

- Your book will consist of a packet. You will need to complete a book for both market and breeding if you intend to exhibit in the breeding gilt class. The book guidelines for completion are reflected by the score sheet in the front cover. A new book must be completed each year. Members can purchase the book for \$2.00 from their club advisor, or download the book and print it for free at <http://vanwert.osu.edu>.
- Resource Guides are a one-time purchase for projects. Members should plan on purchasing this guide for reference and to study for skillathon.

❖ **Quality Assurance:**

- Quality Assurance is a state required training program for any 4-H or FFA member who is exhibiting market livestock at the Jr. Fair.
- **Dates for 2018 Include:** Sunday, March 4 starting at 2:00pm, Thursday, May 31 starting at 7:00pm at the Jr. Fair Building. Rabbit Quality Assurance will be Saturday, April 21 starting at 9:00am in the Jr. Fair Building.
- **Test Out:** Members eligible for test out it will be offered starting at 1 hour prior to the beginning at the Jr. Fair Building. Test out is offered to youth 12-14 or 15-18 as of January 1 of the current year. Youth who need special accommodations for testing should contact the Extension Office for details.
- Quality Assurance Certification **MUST** be completed no later than **June 10, 2018**. Failure to complete will result in disqualification from the Jr. Fair for 2018.

❖ **Possession Deadline:**

- Farrow to Finish Class date is April 1, of current year.
- Market Class date is June 1 of current year.
- Breeding Gilt Class date is by entry deadline of current year.

❖ **Mandatory Tagging/Weigh-In Date**

- Tag Pick Up on June 2, 2018 in the Jr. Fair Board Office near the Farm Focus Show Arena from 8:00am-10:30am.
- Instructions on how to submit tags online will be given at tag pick up and information will be available online at <http://go.osu.edu/18hogtagging>
- The final deadline for submitting information will be Friday, June 15, 2018.
- Members may tag a maximum of 5 hogs. Family tagging is permitted: Each exhibitor must have one animal designated to them, and may share up to four other animals with an immediate family member. Farrow to Finish will be identified at this time.
- Fair Weigh In is on Tuesday, August 28, 2018 from 10:00am-8:00pm at the Jr. Fair hog barn entering on the northeast side of the barn and exiting on the southeast.



❖ **Book & Interview Judging:**

- Judging will be completed on Monday, July 30th, 2018 from 3:00pm-7:00pm at the Jr. Fair Building on the Fairgrounds. Times are scheduled by appointment. Full information on judging and expectations are Included in this packet and titled “Judging Day Information”.
- Members who do not complete their judging at this time will need to have their Advisor submit their Project Book Grade and Interview Grade and plan to attend a makeup session for their Skillathon for completion. Make up grades from advisors are due no later than Friday, August 10, 2018.

❖ **Exhibit Limit:**

- Limit of two (2) entries per exhibitor in each class. (Market, Breeding Gilt)

❖ **Fair Entry Deadline**

- You will be able to enter your projects for exhibition at the Fair. Please note that the entry deadline is August 4, 2018. Entries are made through a website and information will be mailed directly to your home.
- During the summer months, a livestock newsletter will be sent out with tips, suggestions, and information regarding what to expect at the Jr. Fair. This will serve as a guide to Fair preparation and what to expect the week of fair.

❖ **Weight/Age/Breed Requirements:**

- Market Hogs must weigh 220-300lbs at the time of weigh in at the Fair.

❖ **Health Requirements:**

- Not required unless animal originated from or was shown out-of-state.
- Completed DUNF at the time of weigh in/arrival at the Jr. Fair for Market animals only.

2018 Livestock Project Judging Day Information

Age divisions for judging are as follows: (Your age as of January 1 of the current year)

- Juniors 8-10
- Intermediate 11-13
- Senior 14-18

Station 1: Project Book 20 points

Present your completed 2018 Livestock Project Book to the judge. The judge will review your records and completed project book. Point values for each section are included in the front of your project book. Judges will award points for degree in which the book is completed. The entire book (with exception of any bonus sections) must be completed. Age/experience will be taken into consideration when giving points.

Station 2: Interview Station 20 points

You will have an interview for the project you are exhibiting. You will be asked questions based on your experience level. You will earn points for each correct question. Sample interview questions are included with this guide. All questions are based from your project books and the Resource Handbook or are general "Tell me about your animal" questions.

Station 3: Quality Assurance 20 points

Information for this station will be based on 2018 Good Production Practices #4 or #5. Youth will be asked to answer questions about a Medication Label or Feed Label. This information will be/was covered in Quality Assurance Sessions and those who have tested out should study accordingly.

Station 4: Skillathon – Year A 20 points

Parts of the Animal: Using your resource book and/or printed packet study the parts of the animal. Note that for full points Juniors will only need to get $\frac{1}{4}$ correct, Intermediate will need to get $\frac{1}{2}$ and Seniors will need to get $\frac{3}{4}$ correct.

Station 5: Skillathon – Year A 20 points

Terminology: Matching worksheet to be provided the day of skillathon to fill out. Please note that the key can be downloaded online and terms can be located in your resource book. Please note that poultry will need to utilize their key as necessary due to lack of resource book at this time.

Total Grade is out of 100 points. Incomplete grades are not eligible for exhibition in the Jr. Fair. Other grades can be salvaged if you take the time to contact the office. It is YOUR responsibility to fix your grades, not the Extension Office's responsibility.

A: 100-80	B: 79-60	C: 59-40	I: 39 and Under
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Please note that accommodations can and will be made for those youth who need and qualify for them. For more information on filling out a "Winning 4-H Plan", please contact Heather at the Extension Office for details!

EVERYONE HAS THE OPPORTUNITY TO SUCCEED WITH PROPER PLANNING!



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES



vanwert.osu.edu

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information: go.osu.edu/cfaesdiversity.

Breeding Livestock Record Book & Interview Scoring

Name:		As of Jan 1 of Current Year Junior: 8-10 Intermediate 11-13 Senior 14-18
Club:		
Page	Section	Breeding Project Point Value
Cover	Youth Information	1
4	Youth Agreement – must have parent signature for full points	1
5	The Care That You Provide Your Animal	1
6	Goals and Accomplishments	2
7	Miscellaneous Expenses	1
8	Feed Record Summary	2
9	Feed Tag	1
10-11	Project Animal Inventory	3
12	Photo	1
13-14	Treatment Record (write N/A if no treatment given to receive points)	1
15	Pedigree Record	1
16-20	Breeding Records (optional for extra credit 2pts)	
21	Profit or Loss Statement	2
22-23	Assuring Quality Care for Animals	1
24	Project Summary	2
	Station #1: Project Book Score	20
	Station #2: Interview	20
	Station #3: Quality Assurance	20
	Station #4: Skillathon A	20
	Station #5: Skillathon B	20
	Total Points Available	100

Market Livestock Record Book & Interview Scoring

Name:		As of Jan 1 of Current Year Junior: 8-10 Intermediate 11-13 Senior 14-18
Club:		
Page	Section	Market Project Point Value
Cover	Youth Information	1
4	Youth Agreement – must have parent signature for full points	1
5	The Care That You Provide Your Animal	1
6	Goals and Accomplishments	3
7	Project Animal Information	1
8	Misc. Expenses	1
10	Feed Tag	1
11	Feed Record Summary	2
12	Photo	1
13	Treatment Record (write N/A if no treatment given to receive points)	1
14	Rate of Gain	1
15	Closing Animal Roster	1
16	Profit Loss Statement	1
17	<i>Buyer Letter Addresses (optional for extra credit 1pts)</i>	
18	<i>Sample Letter to a buyer or an award donor (optional for extra credit 2pts)</i>	
20	Assuring Quality Care for Animals	1
21	Project Summary	3
	Station #1: Project Book Score	20
	Station #2: Interview	20
	Station #3: Quality Assurance	20
	Station #4: Skillathon A	20
	Station #5: Skillathon B	20
	Total Points Available	100

139 Market Hog Interview Questions—Beginning

Use two or three of these or similar standard questions as *part* of the interview judging process.

1. Name three areas on the pig where excess fat can be observed?

Lower ham region

Area over the loin edge

Jowl

Middle

Elbow pocket

Behind the shoulder (page 3-10)

2. Name the three supplemental minerals most needed by pigs?

Calcium

Salt

Phosphorus (page 8-2)

3. Name two diseases hogs can get?

Anemia (page 9-2)

Atrophic rhinitis (page 9-2)

Mycoplasmal Pneumonia (page 9-6)

Swine Dysentery (page 9-9)

4. Why are pigs tails removed?

To prevent tail biting. (page 21-7)

5. What was in your hog's feed?

Corn, oats, soybean oil meal, and animal by-products. (page 8-2)

6. Where is a hog's jowl located?

The underside of the neck. (page 3-2)

7. Why shouldn't you give your pig a lot of water before you enter the show ring?

Pig will be too big in stomach area. (page 12-4)



139 Market Hog Interview Questions—Intermediate

Use two or three of these or similar standard questions as *part* of the interview judging process.

1. What does it mean to “ration” your feed?
Ration means to make sure your hog is given a balanced amount of nutrients and feed stuffs. (page 8-1)
2. About how much weight can a pig possibly gain per day?
Up to 2 pounds. (page 8-24)
3. What is the disease pseudorabies?
Pseudorabies is a virus that affects the nervous and respiratory systems. (page 9-8)
4. How did you clip your pig for the fair?
Answers will vary. (page 12-1)
5. How much water does a pig require per day?
2 pounds per pound of feed eaten. (page 8-1)
6. Name two types of parasites that affect a pig?
Internal and external. (pages 9-10 and 9-14)
7. Describe the feed ration your pig is on.
Answers will vary. (pages 8-12 and 8-24)
8. What is the average growth rate for a feeder pig?
1.5-1.75 pounds daily gain. (page 3-7)
9. What is a breed?
A group of animals with similar external characteristics that are passed from one generation to another. (page 3-3)



139 Market Hog Interview Questions—Advanced

Use two or three of these or similar standard questions as *part* of the interview judging process.

1. What does the word balance mean, when a judge says the pig is “well balanced”?
It refers to the proportion of the body parts, muscle, etc. (page 3-14)
2. What does the judge mean when he says the pig has a “well-built structure”?
He has well-built bones or framework. (page 3-11 and 3-12)
3. What is LMA and how is it used?
LMA refers to Loin Muscle Area. It is used to predict the pounds of lean in a carcass. (page 4-6)
4. How is dressing percent figured?
Carcass weight divided by live weight. (page 4-4)
5. Where is carcass length take?
Aitch bone to edge of first rib. (page 4-5)
6. What is a young female that has not farrowed called?
Gilt. (page 15-4)
7. Name for nitrogen containing chemical that are basic building blocks for protein?
Amino acids. (page 8-2)
8. What is the PPS gene?
A “stress gene” that is inherited recessively in pigs also called Porcine Stress Syndrome. (page 4-1)
9. *What prevents a pig from developing to its genetic potential?*
Poor management, improper feeding, or poor health. (page 3-8)



140 Swine Breeding Interview Questions

Use two or three of these or similar standard questions as *part* of the interview judging process.

1. Why might someone choose to have a purebred production system?
A purebred production system means you can produce genetically superior animals that you make possible through your own wise breeding decisions. (page 15-3)
2. What is the major advantage of crossbred females?
Crossbred, compared to purebred, females normally produce ore pigs at birth with greater livability and produce more milk, which equals heavier weaning weights. (page 15-3)
3. In selecting a gilt for breeding, what does “soundness” mean?
Soundness means free from flaws or defects. There are three areas of particular concern: reproductive, mammary, and skeletal. (page 15-4)
4. Why purchase a boar *before* you need him for breeding?
This provides time to isolate and check for health concerns and also is a good opportunity to test mate boars to gilts and evaluate for breeding performance. (page 15-13)
5. What is EPD? How is it used?
EPD refers to expected progeny differences. It predicts how well an individual’s offspring are expected to perform compared to offspring from an average parent. (page 16-1)
6. Name at least two signs of heat (estrus) in gilts and sows.
Signs of heat include increased activity, more vocalization, swelling of vulva, sticky discharge from vulva, ear carriage more erect, and stands for back pressure. (page 18-1)
7. How is your project animal housed? What are its advantages and disadvantages?
Answers will vary. (pages 19-3 to 19-4)
8. How long is a normal gestation for a pig?
114 days. (page 20-2)
9. A new litter of pigs should be processed within 24 hours after birth. What are some of the steps involved in processing?
Processing may include the following steps: Weighing, navel cord care, clipping needle teeth, tail docking, iron injections, and ear notching.
10. The temperature of a new litter’s sleeping area should be 90° to 95°F for the first week. What should it be after that?
Temperatures in the sleeping area can be reduced by 5°F each week after the first week (page 20-2). For three week old pigs, provide 85°F temperature for the first few days after weaning. Lower the temperature 3°F per week to a minimum of about 70°F for 8-week old pigs. Room temperature can be dropped to 60°F is bedding is used. (page 22-1)



Livestock

Pig: How to Read a Feed Tag

Use the feed tag below to answer the following questions.

Decision-Making

In this activity you will:

- learn how to read a feed tag.

PIG GROWER MEDICATED

FOR PIGS FROM 30 POUNDS TO 75 POUNDS

ADMINISTER TO SWINE IN A COMPLETE FEED FOR REDUCTION OF THE INCIDENCE OF CERVICAL ABSCESSSES; TREATMENT OF BACTERIAL SWINE ENTERITIS (SALMONELLOSIS OR NECROTIC ENTERITIS CAUSED BY *Salmonella choleraesuis* AND VIBRIONIC DYSENTERY), MAINTENANCE OF WEIGHT GAINS IN THE PRESENCE OF ATROPHIC RHINITIS.

ACTIVE DRUG INGREDIENT

CHLORTETRACYCLINE	100 G/TON
SULFATHIAZOLE	0.011% (100 G/TON)
PENICILLIN	50 G/TON

GUARANTEED ANALYSIS

CRUDE PROTEIN	MIN 18.00%
LYSINE	MIN 1.10%
CRUDE FAT	MIN 6.50%
CRUDE FIBER	MAX 4.00%
CALCIUM	MIN 0.60%
CALCIUM	MAX 1.10%
PHOSPHORUS	MIN 0.55%
SALT	MIN 0.40%
SALT	MAX 0.90%
SELENIUM	MIN 0.30 PPM
ZINC	MIN 140.00 PPM

INGREDIENTS

Grain Products, Plant Protein Products, Processed Grain By-Products, Animal Fat, Animal Protein Products, Calcium Phosphate, Lignin Sulfonate, Ground Limestone, Salt, L-Lysine Monohydrochloride, Methionine Supplement, Zinc Oxide, Zinc Sulfate, Ferrous Sulfate, Manganous Oxide, Copper Sulfate, Calcium Iodate, Sodium Selenite, Vitamin A Acetate, Vitamin D-3 Supplement, Vitamin E Supplement, Menadione Dimethylpyrimidinol Bisulphite, Riboflavin Supplement, Niacin, Calcium Pantothenate, Vitamin B-12 Supplement, Thiamine Monohitrate, Folic Acid, Choline Chloride, Pyridoxine Hydrochloride, Biotin, Ethoxyquin (As A Preservative)

FEEDING DIRECTIONS

Feed as the only ration to pigs weighing from 30 pounds to 75 pounds bodyweight.

CAUTION: In order to obtain the desired performance results, the animals should be self fed.

WARNING: Withdraw 7 days prior to slaughter; contains high levels of copper; do not feed to sheep.

MANUFACTURED BY:
SKILLATHON FEED

NET WEIGHT 50 POUNDS (22.7 KILOGRAMS)
OR AS SHOWN ON SHIPPING DOCUMENT

1. What is the main ingredient in this feed?
2. How many active drug ingredients are in this feed?
3. What is the minimum crude protein level?
4. For how many days prior to slaughter should this feed be removed?
5. What is the minimum crude fat level of this diet?
6. Is ground limestone included in the ingredients of this diet?
7. At what weight range should this ration be fed?
8. What is the range for the calcium content of this feed?

Adapted from materials created by Dan Frobose, Agr. & Nat. Res. Agent, Wood County

Prepared By: Jodi Black, State Extension Associate, 4-H/Animal Sciences; Steven Moeller, State Swine Extension Specialist

Livestock

Pig: How to Read a Feed Tag

Use the feed tag below to answer the following questions.

Decision-Making—Key

In this activity you will:

- learn how to read a feed tag.

PIG GROWER MEDICATED

FOR PIGS FROM 30 POUNDS TO 75 POUNDS

ADMINISTER TO SWINE IN A COMPLETE FEED FOR REDUCTION OF THE INCIDENCE OF CERVICAL ABSCESSSES; TREATMENT OF BACTERIAL SWINE ENTERITIS (SALMONELLOSIS OR NECROTIC ENTERITIS CAUSED BY *Salmonella choleraesuis* AND VIBRIONIC DYSENTERY), MAINTENANCE OF WEIGHT GAINS IN THE PRESENCE OF ATROPHIC RHINITIS.

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CHLORTETRACYCLINE	100 G/TON
SULFATHIAZOLE	0.011% (100 G/TON)
PENICILLIN	50 G/TON

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CRUDE PROTEIN	MIN 18.00%
LYSINE	MIN 1.10%
CRUDE FAT	MIN 6.50%
CRUDE FIBER	MAX 4.00%
CALCIUM	MIN 0.60%
CALCIUM	MAX 1.10%
PHOSPHORUS	MIN 0.55%
SALT	MIN 0.40%
SALT	MAX 0.90%
SELENIUM	MIN 0.30 PPM
ZINC	MIN 140.00 PPM

INGREDIENTS

Grain Products, Plant Protein Products, Processed Grain By-Products, Animal Fat, Animal Protein Products, Calcium Phosphate, Lignin Sulfonate, Ground Limestone, Salt, L-Lysine Monohydrochloride, Methionine Supplement, Zinc Oxide, Zinc Sulfate, Ferrous Sulfate, Manganous Oxide, Copper Sulfate, Calcium Iodate, Sodium Selenite, Vitamin A Acetate, Vitamin D-3 Supplement, Vitamin E Supplement, Menadione Dimethylpyrimidinol Bisulphite, Riboflavin Supplement, Niacin, Calcium Pantothenate, Vitamin B-12 Supplement, Thiamine Monohitrate, Folic Acid, Choline Chloride, Pyridoxine Hydrochloride, Biotin, Ethoxyquin (As A Preservative)

FEEDING DIRECTIONS

Feed as the only ration to pigs weighing from 30 pounds to 75 pounds bodyweight.

CAUTION: In order to obtain the desired performance results, the animals should be self fed.

WARNING: Withdraw 7 days prior to slaughter; contains high levels of copper; do not feed to sheep.

MANUFACTURED BY:
SKILLATHON FEED

NET WEIGHT 50 POUNDS (22.7 KILOGRAMS)
OR AS SHOWN ON SHIPPING DOCUMENT

1. What is the main ingredient in this feed?
grain products
2. How many active drug ingredients are in this feed?
3
3. What is the minimum crude protein level?
18%
4. For how many days prior to slaughter should this feed be removed?
7
5. What is the minimum crude fat level of this diet?
6.5%
6. Is ground limestone included in the ingredients of this diet?
yes
7. At what weight range should this ration be fed?
pigs weighing between 30 and 75 pounds
8. What is the range for the calcium content of this feed?
0.60%–1.10%

Adapted from materials created by Dan Frobose, Agr. & Nat. Res. Agent, Wood County

Prepared By: Jodi Black, State Extension Associate, 4-H/Animal Sciences; Steven Moeller, State Swine Extension Specialist

Livestock

Swine Quality Assurance

Read the situation statement and label of the medication and complete the treatment record.

Situation Statement

Today is July 11, and your name is Jenny Jones. The market hog "Spot" (a 200-pound blue-butt barrow with ear notch 36-7) you have been raising since April started having difficulty breathing yesterday. This morning the hog failed to eat its feed and was reluctant to move unless forced to do so. At your request, Dr. Bruce E. Losis, the local veterinarian, examined your hog and diagnosed its problem as pneumonia. He administered medications at the time of the examination. He has left more medicine for you to give tomorrow, July 12 at 2:00 p.m.

Decision-Making

In this activity you will:

- learn about Quality Assurance by practicing how to record animal medication information on the treatment record.

Bottle Label

Bruce E. Losis, DVM 100 Quality Avenue Hometown, OH 43200 614-555-5050	
Owner: Jenny Jones	Date: July 11
Animal ID: Hog 36-7	Indications: Pneumonia
Directions: Give 15 ml (cc) subcutaneously on July 12.	
Precaution: Use care in injections to avoid infections.	
Warning: Use of this drug must be discontinued for 7 days before slaughter or market for food.	
Product/Active Ingredient(s): Biomycin	
Expiration Date: August 1	

July						
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Treatment Record

Treatment Date and Time	Animal ID • Name • Species • ID Number • Description	Condition Being Treated	Estimated Weight	Treatment Given (Medication dispensed, amount, and route)	Instructed Meat/Milk/Egg Withdrawal	Results	Date Withdrawal Complete	If this is an extra label or Rx drug, list the name, address, and phone number of the licensed veterinarian who prescribed or directed the treatment.

Teaching References: *Caring for Animals Discussion Guide and video, and the 4-H Market Hog Handbook #135R. The Swine Learning Laboratory Kit contains a medicine bottle, syringe, and skeletal poster which are helpful but not necessary for this exercise.*

Lesson plan by: Dr. Gary Bowman, OSU Extension Veterinarian

Livestock

Swine Quality Assurance

Read the situation statement and label of the medication and complete the treatment record.

Situation Statement

Today is July 11, and your name is Jenny Jones. The market hog "Spot" (a 200-pound blue-butt barrow with ear notch 36-7) you have been raising since April started having difficulty breathing yesterday. This morning the hog failed to eat its feed and was reluctant to move unless forced to do so. At your request, Dr. Bruce E. Losis, the local veterinarian, examined your hog and diagnosed its problem as pneumonia. He administered medications at the time of the examination. He has left more medicine for you to give tomorrow, July 12.

Decision-Making—Key

In this activity you will:

- learn about Quality Assurance by practicing how to record animal medication information on the treatment record.

Bottle Label

Bruce E. Losis, DVM
100 Quality Avenue
Hometown, OH 43200
614-555-5050

Owner: **Jenny Jones** Date: **July 11**
Animal ID: **Hog 36-7** Indications: **Pneumonia**
Directions: **Give 15 ml (cc) subcutaneously on July 12.**
Precaution: **Use care in injection to avoid infections.**
Warning: Use of this drug must be discontinued for **7** days before slaughter or market for food.
Product/Active Ingredient(s): **Biomycin**
Expiration Date: **August 1**

July						
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Treatment Record

X = This information was not supplied in the situation, therefore you do not need to complete this box.

Treatment Date and Time	Animal ID • Name • Species • ID Number • Description	Condition Being Treated	Estimated Weight	Treatment Given (Medication dispensed, amount, and route)	Instructed Meat/Milk/Egg Withdrawal	Results	Date Withdrawal Complete	If this is an extra label or Rx drug, list the name, address, and phone number of the licensed veterinarian who prescribed or directed the treatment.
7-12 2:00 p.m.	"Spot" Market Hog 36-7 Blue-Butt barrow	Pneumonia	200 lb	Biomycin 15 ml SQ	7 days Meat	X	7-19 2:00 p.m.	Bruce E. Losis, DVM 100 Quality Avenue Hometown, OH 43200 614-555-5050

Teaching References: *Caring for Animals Discussion Guide and video, and the 4-H Market Hog Handbook #135R. The Swine Learning Laboratory Kit contains a medicine bottle, syringe, and skeletal poster which are helpful but not necessary for this exercise.*

Lesson plan by: Dr. Gary Bowman, OSU Extension Veterinarian

Livestock

Pig Parts

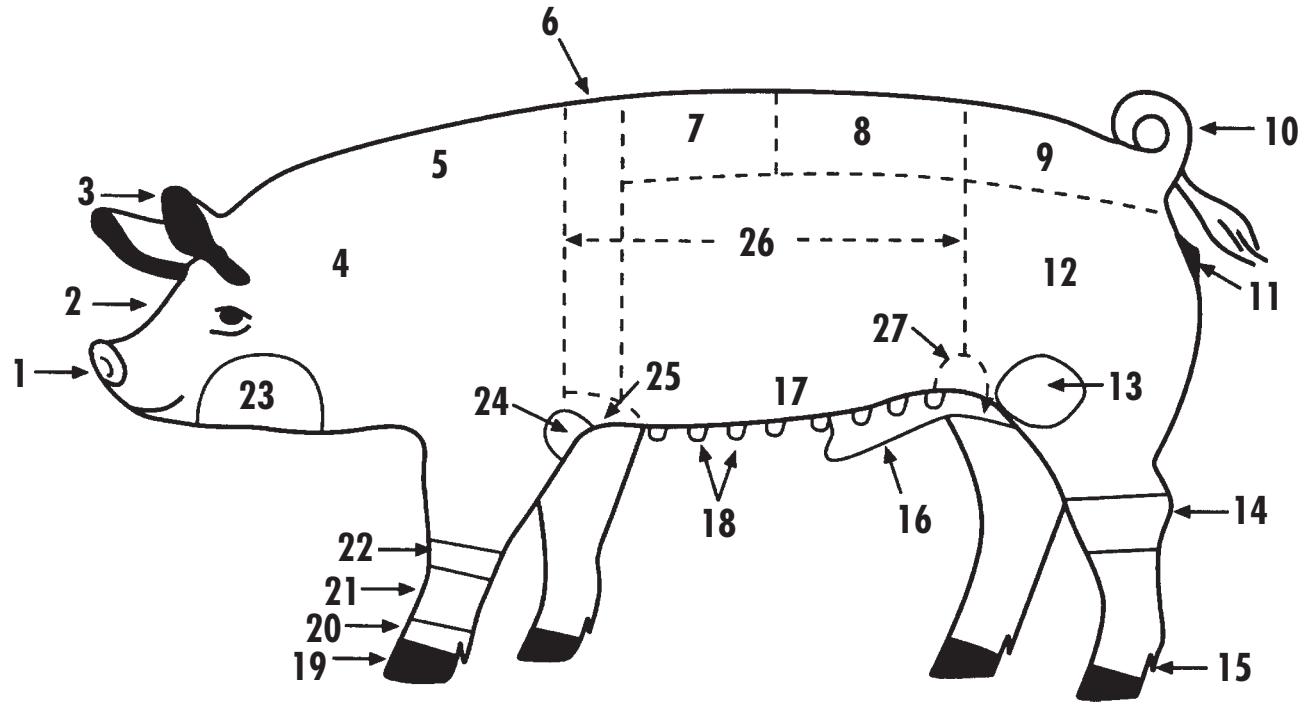
Activity level: Beginners or members ages 9 to 11

Write in the number that corresponds to the correct part of the animal.

Identification

In this activity you will:

- learn the parts of a pig.



- | | | | |
|--------------------|-------------|----------------|------------------|
| _____ vulva | _____ head | _____ shoulder | _____ knee |
| _____ rear flank | _____ foot | _____ side | _____ jowl |
| _____ stifle joint | _____ tail | _____ back | _____ fore flank |
| _____ neck | _____ snout | _____ teats | _____ loin |
| _____ dewclaw | _____ ham | _____ rump | _____ sheath |
| _____ forerib | _____ ear | _____ pastern | _____ elbow |
| _____ belly | _____ hock | _____ cannon | |

References: Market Hog 4-H Handbook #135R; Beef, Sheep, and Swine Selection and Evaluation 4-H Book #103R; Swine Livestock Learning Laboratory Kit

Prepared By: Jodi Black, State Extension Associate, 4-H/Animal Sciences; Andrea Auker, Animal Sciences Student

Livestock

Pig Parts

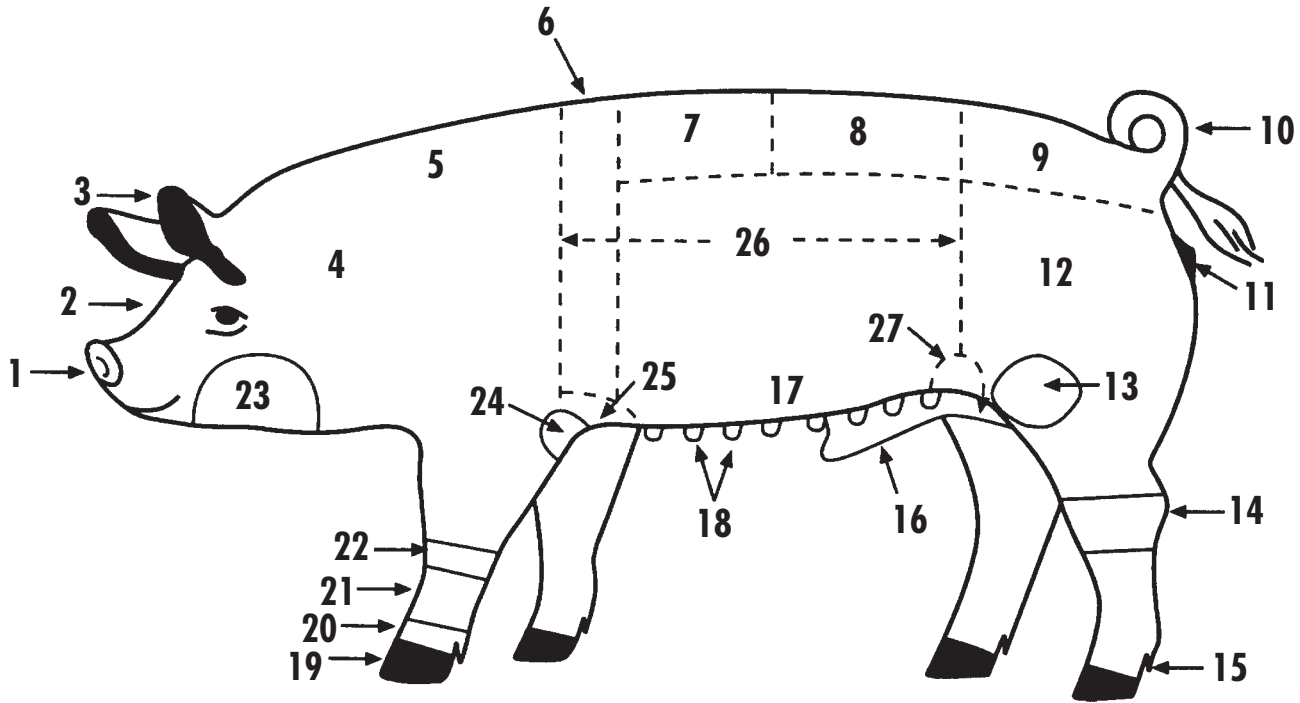
Activity level: Beginners or members ages 9 to 11

Write in the number that corresponds to the correct part of the animal.

Identification—Key

In this activity you will:

- learn the parts of a pig.



<u>1</u>	vulva	<u>2</u>	head	<u>5</u>	shoulder	<u>22</u>	knee
<u>27</u>	rear flank	<u>19</u>	foot	<u>26</u>	side	<u>23</u>	jowl
<u>3</u>	stifle joint	<u>10</u>	tail	<u>7</u>	back	<u>25</u>	fore flank
<u>4</u>	neck	<u>1</u>	snout	<u>18</u>	teats	<u>8</u>	loin
<u>5</u>	dewclaw	<u>12</u>	ham	<u>9</u>	rump	<u>16</u>	sheath
<u>6</u>	forerib	<u>3</u>	ear	<u>20</u>	pastern	<u>24</u>	elbow
<u>7</u>	belly	<u>14</u>	hock	<u>21</u>	cannon		

References: Market Hog 4-H Handbook #135R; Beef, Sheep, and Swine Selection and Evaluation 4-H Book #103R; Swine Livestock Learning Laboratory Kit
Prepared By: Jodi Black, State Extension Associate, 4-H/Animal Sciences; Andrea Auker, Animal Sciences Student

Name: _____

Swine Terms

ALL Age Levels

Created on TheTeachersCorner.net [Match-up Maker](#)

1.	Balanced Ration	a. Any bacteria or viral materials for inoculation against a specific disease.
2.	Castration	b. The required amount of essential nutrients supplied to a hog during a 24 hour period.
3.	Conformation	c. A male pig that has been castrated and has no testicles.
4.	Dressing Percentage	d. A female pig that has produced at least one litter of pigs.
5.	Feed Concentrate	e. Ingredients that make up a ration. The five groups of nutrients are energy, protein, vitamins, and water.
6.	Feed Efficiency	f. A daily mixture of feed ingredients given to cattle. A balance provides all the proper nutrients in the proper amount.
7.	Ration	g. A male pig that has his testicles.
8.	Vaccine	h. The average gain of pounds an animal gains in a day.
9.	Average Daily Gain	i. A panel or board used to guide and move swine
10.	Back Fat	j. A hog that is full-fed up to 220-280 pounds that exhibits a large amount of skeletal muscle with a minimum of fat.
11.	Barrow	k. grain mixtures such as corn, oats, and soybean meal fed in a ration.
12.	Boar	l. Removal of the "gonads". Removal of the testicles.
13.	Breed	m. A young female pig that has not had offspring.
14.	Crossbred	n. the carcass weight divided by the live weight.
15.	Diet	o. A layer of fat located between the skin and muscle along the back of the hog.
16.		p. A pig that is from parents of different breeds.

Gilt

17.	Hurdle	q. The general shape of the pig as determined by its framework or skeleton and muscle structure.
18.	Meat Hog Type	r. The number of pounds of feed required by an animal to gain one pound of body weight.
19.	Nutrients	s. A group of animals with similar external characteristics that are passed on from one generation to another.
20.	Sow	t. Nutritionally balanced mixture of feed ingredients.

Swine Terms

ALL Age Levels

Created on TheTeachersCorner.net [Match-up Maker](#)

1.	b	Balanced Ration	a. Any bacteria or viral materials for inoculation against a specific disease.
2.	l	Castration	b. The required amount of essential nutrients supplied to a hog during a 24 hour period.
3.	q	Conformation	c. A male pig that has been castrated and has no testicles.
4.	n	Dressing Percentage	d. A female pig that has produced at least one litter of pigs.
5.	k	Feed Concentrate	e. Ingredients that make up a ration. The five groups of nutrients are energy, protein, vitamins, and water.
6.	r	Feed Efficiency	f. A daily mixture of feed ingredients given to cattle. A balance provides all the proper nutrients in the proper amount.
7.	f	Ration	g. A male pig that has his testicles.
8.	a	Vaccine	h. The average gain of pounds an animal gains in a day.
9.	h	Average Daily Gain	i. A panel or board used to guide and move swine
10.	o	Back Fat	j. A hog that is full-fed up to 220-280 pounds that exhibits a large amount of skeletal muscle with a minimum of fat.
11.	c	Barrow	k. grain mixtures such as corn, oats, and soybean meal fed in a ration.
12.	g	Boar	l. Removal of the "gonads". Removal of the testicles.
13.	s	Breed	m. A young female pig that has not had offspring.
14.	p	Crossbred	n. the carcass weight divided by the live weight.
15.	t	Diet	o. A layer of fat located between the skin and muscle along the back of the hog.
16.			p. A pig that is from parents of different breeds.

	m	Gilt	
17.	i	Hurdle	q. The general shape of the pig as determined by its framework or skeleton and muscle structure.
18.	j	Meat Hog Type	r. The number of pounds of feed required by an animal to gain one pound of body weight.
19.	e	Nutrients	s. A group of animals with similar external characteristics that are passed on from one generation to another.
20.	d	Sow	t. Nutritionally balanced mixture of feed ingredients.